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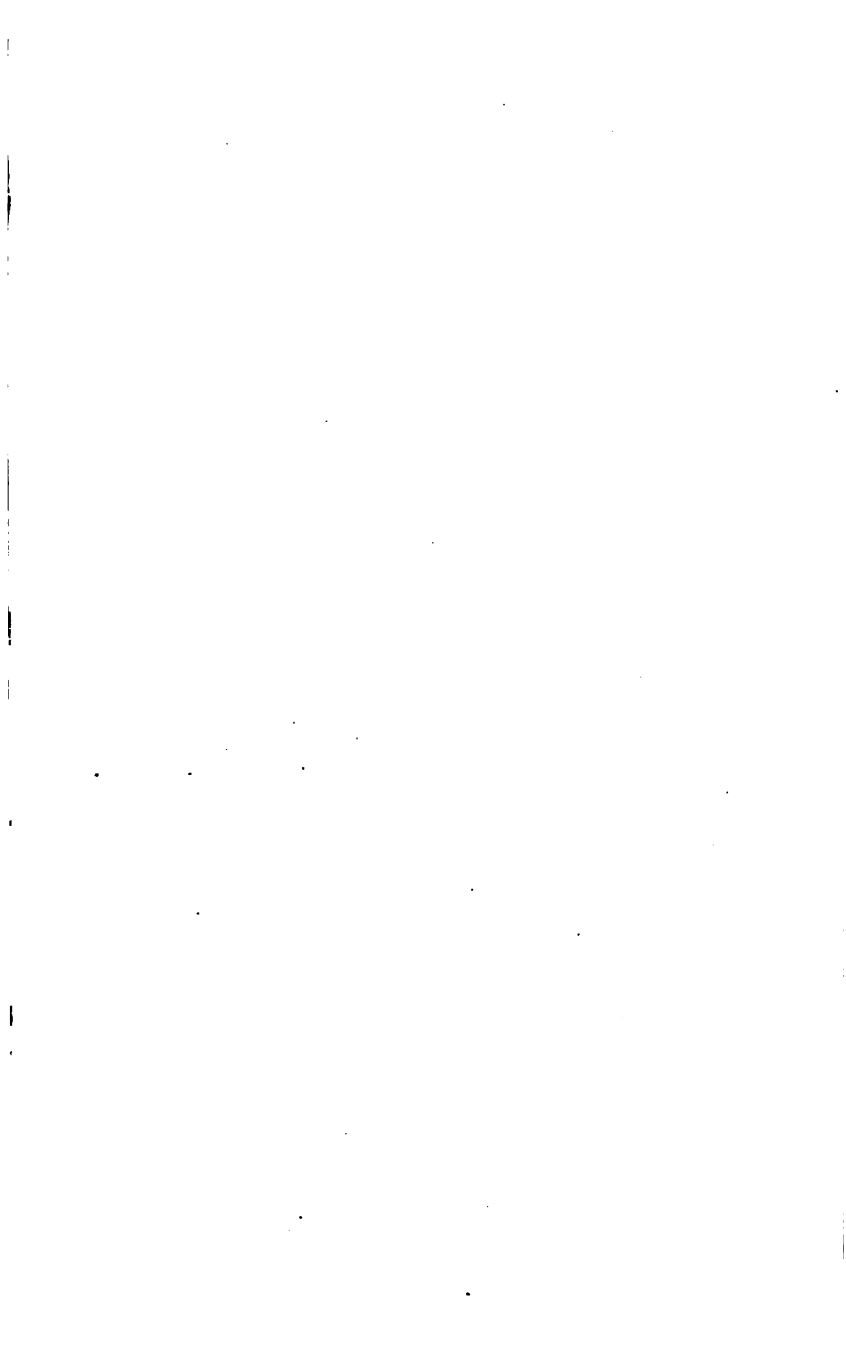
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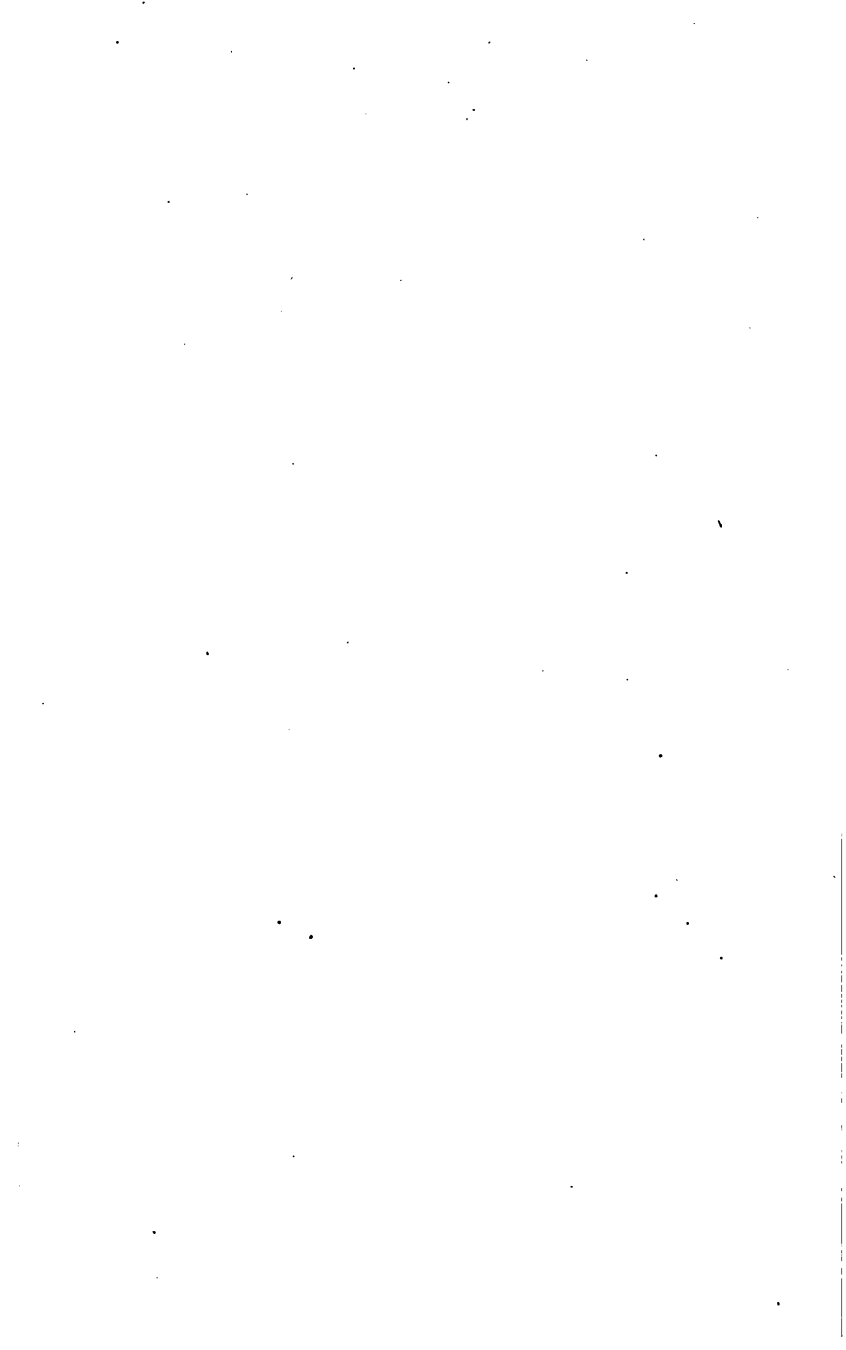












THE  
AMERICAN ALMANAC

AND  
REPOSITORY  
OF  
USEFUL KNOWLEDGE,

FOR THE YEAR

1853.



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## PREFACE.

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THE twenty-fourth volume of the American Almanac, being the fourth volume of the third series, is now offered to the public. Unwearied pains have been taken to collect full, authentic, and varied information concerning the complex affairs of the general and State governments; and a mass of official documents and private correspondence has been digested relating to the government, finances, legislation, public institutions, internal improvements, and resources of the United States, and of the several States. It is hoped that the present volume will be found equal to its predecessors in fulness and accuracy, and that it will sustain the high character of the American Almanac as a trustworthy manual for reference and a full repository of useful knowledge.

The Astronomical Department has been prepared by Lieut. Charles Henry Davis, U. S. N., Superintendent of the American Nautical Almanac. We have received, through the favor of the Superintendent of the Coast Survey of the United States, authentic geographical positions and corrected establishments of the principal ports of the United States on the western coast, which have enabled us to introduce the principal points of California and Oregon into the calendar pages for this year. The article upon "The Recent Discoveries in Astronomy, relating to the Comets," with its full collections and citations of authorities, will be found to be, not only exceedingly interesting, but very valuable for reference. The Meteorological Information is, as usual, full and varied.

In the Second Part of the volume will be found full lists of the Executive and Judiciary of the General Government, including the chief officers and clerks in the several Departments; of Collectors of Customs, of Postmasters in the principal cities, of Army and Navy Pension Agents, and of the Indian Superintendents and Agents under the new organization of that department of Congress; of the Army, and the various Military Posts, Military Divisions, &c.; of the Navy, the public vessels, and the Marine Corps; of our Ministers and Consuls in Foreign Countries, and of Foreign Consuls in the United States. These have all been corrected from official sources to the latest dates possible for publication. Later changes are noted in the "Additions and Corrections," at the end of the volume. The titles, Commerce and Navigation, and Revenue and Expenditure, published each year in the Almanac, are full and complete abstracts of the public documents of the same name, and the tables connected therewith, and, with the Post-Office and Mint, show the receipts and expenditures of the government under their several heads, the public debt, the imports, exports, and tonnage, the operations of the Post-Office Department, and the coinage of the Mint for each year since the adoption of the Federal Constitution. The exports for the last four years are given in detail. The rates of postage are under the new laws, — and these, with the inland and foreign mail service, are be-

lied to be complete and correct. The Seventh Census of the United States not yet having been printed, it has been found impossible to obtain full or authentic returns of the matters embraced therein. For obvious reasons the most authentic source of information is the official publication, and it is better to give in one of our volumes a complete abstract of the census from the official copy, than to publish portions of it from year to year in separate volumes from unofficial and irresponsible authority. If the census is printed in season, we hope to give full abstracts of its returns in our volume for next year. The Titles and Abstracts of the Public Laws and Joint Resolutions have been carefully prepared, and are sufficiently full, except for professional use. Among those this year of special interest are the acts making land warrants assignable, establishing the Light-House Board, for the further security of passengers on board steam-vessels, relating to the public printing, and concerning the Post-Office establishment. The tabular view of the railroads in the country is continued from the last volume; and the comparative view of the debts, property, and general financial condition of all the States has been corrected with great care from the latest official returns. The information concerning the Individual States is more full than in former years. It is believed that nowhere else can be found such full details respecting the Executive and Judiciary, the finances, schools, charitable institutions, and pauperism and crime, of the several States. Should any one note inaccuracies or deficiencies therein, he is urgently requested to correct them. The European part of the work, revised from the best authority to the latest dates, gives the several States of Europe, with their form of government, the name, title, and date of accession of the reigning sovereigns, the area and population of the several countries. It also gives the Royal Family of England, and the Ministry, Judiciary, the Peers, and the New House of Commons. The newest Ministry of France is added. The Obituary Notices and Chronicle of Events have been prepared with care. A full foreign obituary was prepared but is crowded out. It will be given next year.

The thanks of the Editor are particularly due to the heads of Department at Washington, and to his many contributors and correspondents, to whom the work is indebted for a great part of its value. A continuance of their favors is respectfully solicited. A work embracing such a multitude of facts must necessarily contain some errors; persons who detect any are earnestly requested to communicate them to the Editor. It is particularly desirable that these communications should not be anonymous. It is frequently a source of regret to the Editor that he cannot suitably acknowledge the valuable hints and assistance of anonymous correspondents. It is a matter of some public interest, that a periodical which circulates so widely, both in Europe and America, and which is so universally trusted as a manual for reference, should be rendered as accurate as possible; and this end can be obtained only by the coöperation of many individuals. Communications should be addressed to the "Editor of the American Almanac," Boston.

*Boston, Mass., Sept. 30, 1852.*



# CONTENTS.

## PART I.

### CALENDAR AND CELESTIAL PHENOMENA FOR THE YEAR 1853.

	PAGE		PAGE
Different Eras, &c., .....	3	Elements of the Eclipses of the Sun, .....	45
Celestial Phenomena, Signs, &c., .....	3	Latitude and Longitude of Observatories, .....	45
Chronological Cycles, .....	4	Latitude and Longitude of Places, .....	46
Signs of the Zodiac, .....	4	Ephemeris of the Sun, .....	51
Beginning and Length of the Seasons, ..	4	Apparent Places of the Pole Star, .....	57
Movable Festivals of the Church, .....	5	Places of the Principal Fixed Stars, ....	59
Jewish Calendar, .....	5	Dr. Young's Refractions, .....	67
Mahometan Calendar, .....	6	Sun's Parallax in Altitude, .....	68
Height of the Greatest Tides in 1853, ....	7	Recent Discoveries in Astronomy, relating to the Comets, .....	69
Darkness of the Nights in 1853, .....	8, 9	METEOROLOGICAL INFORMATION:—Tables for Biddeford, Cambridge, Lowell, Wor- cester, Lambertville, Chapel Hill, Charles- ton, Savannah, Eutaw, Muscatine, Ro- chester, and Flowering of Fruit-Trees in 1852, .....	89-98
CALENDAR:—January, &c., .....	10-33	Rain at King George's Court-House, Va., ..	98
Phenomena in 1853, .....	34-36		
Eclipses in 1853, .....	37		
Occultations, .....	40		
Disks of Venus and Mars, .....	42		
Eclipses of Jupiter's Satellites in 1853, ...	43		
Rings of Saturn, .....	44		

## PART II.

### UNITED STATES.

1. List of Presidents, .....	101	Pay of the Navy, .....	121
2. Executive Government, .....	101	Vessels of War of the Navy, .....	122
Officers in the Departments, .....	102	5. The Marine Corps, .....	123
Commission to adjust Private Land Claims in California, .....	104	6. The Judiciary, .....	124
Postmasters in Chief Towns & Cities, ..	104	District Courts, .....	124-127
Collectors of Customs, .....	107	Supreme Court, .....	126
Naval Officers, .....	109	Circuit Courts, .....	126-128
Registers, Rec's, &c., in Land Office, ..	109	7. Intercourse with Foreign Nations, ..	129
Indian Superintendents, &c., .....	111	Ministers, &c., in Foreign Countries, ..	129
Army Pension Agents, .....	112	Consuls, &c., in Foreign Countries, ..	130
Navy Pension Agents, .....	113	Foreign Ministers in the U. States, ..	134
3. Army List, .....	113	Foreign Consuls in the U. States, ....	134
Officers of Corps and Regiments, ..	113	8. Titles and Abstracts of Public Laws, ..	139
Military Geographical Divisions, ..	115	Appropriations for 1852 and 1853, ....	139
Military Geographical Departments, ..	115	9. Public Resolutions, .....	162
Arsenals, .....	116	10. Revenue and Expenditure, .....	163
Military Posts, .....	116	Duties. Revenue, &c., for 1851, .....	167
Militia Force of the United States, ..	118	Debt of the United States, .....	169
Pay of Army Officers, .....	119	Redemption of Treasury-Notes, .....	168
4. Navy List, .....	120	Imports, Exports, and Debt, for 61 Years, .....	169



U. S. Revenue from 1789 to 1851, ..	170	Privilege of Franking, .....	191
U. S. Expenditure from 1789 to 1851, ..	171	Rates of Foreign Postage, &c., ..	192-195
11. Commerce and Navigation, .....	172	Foreign Newspaper and Pamphlet	
Value of Imports, 1850, 1851, .....	172	Postage, .....	196
Value of Imports for five Years, .....	175	13. Public Lands, .....	196
Value of Exports, 1848-1851, .....	176	Sales of Public Lands, .....	197
Imports from and Exports to Foreign		14. Colleges, &c., in the United States, ..	198
Countries in 1850-51, .....	178	Annual College Expenses, .....	201
Tonnage of Vessels in Foreign Trade, ..	179	Theological Schools, .....	202
Imports and Exports of each State, ..	180	Law Schools, .....	202
Vessels built in U. States, and their		Medical Schools, .....	203
Tonnage, in 1851, .....	180	15. Smithsonian Institution, .....	203
Comparative View of Tonnage from		16. Religious Denominations, .....	204
1815 to 1851, .....	181	17. State Elections, &c., .....	204
Commercial Marine of United States, ..	181	18. Governors of States and Territories, ..	205
Vessels built, and their Tonnage, from		19. Finances of the States, .....	206, 207
1815 to 1851, .....	182	20. Population of the United States, .....	206
12. Post-Office Department, .....	182	21. Slaves in the United States, .....	208
Mail-service for 1851, .....	183	22. Seventh Census of United States, .....	209
No. of Post-Offices, &c., since 1790, ..	184	23. Population of Principal Cities, .....	210
Post-Offices in each State, classified		24. Mint, .....	210
according to Compensation, .....	185	Officers of Mint, and Coinage, .....	211
Cost and Income from Postages in		California Gold, .....	211
each State, .....	185	Coinage of the Mint for 59 Years, ..	212
Revenue, &c., under Law of 1845, ..	186	25. Congress, .....	213
Foreign Mail Service, .....	187	Senate, .....	213
Receipts and Expenditures for Con-		House of Representatives, .....	215
tract year, in detail, .....	188	Alphabetical List of Representatives, ..	218
Compensation of Postmasters, .....	188	26. Railroads in the United States, .....	220
Rates of Postage in United States, ..	189		

## INDIVIDUAL STATES.

1. Maine, .....	227	19. Louisiana, .....	285
2. New Hampshire, .....	230	20. Texas, .....	287
3. Vermont, .....	234	21. Arkansas, .....	289
4. Massachusetts, .....	237	22. Tennessee, .....	291
5. Rhode Island, .....	243	23. Kentucky, .....	292
6. Connecticut, .....	246	24. Ohio, .....	294
7. New York, .....	250	25. Michigan, .....	298
8. New Jersey, .....	256	26. Indiana, .....	300
9. Pennsylvania, .....	259	27. Illinois, .....	304
10. Delaware, .....	263	28. Missouri, .....	306
11. Maryland, .....	264	29. Iowa, .....	308
12. Virginia, .....	267	30. Wisconsin, .....	310
13. North Carolina, .....	273	31. California, .....	312
14. South Carolina, .....	275	32. Oregon Territory, .....	314
15. Georgia, .....	278	33. Minnesota Territory, .....	314
16. Florida, .....	280	34. Utah Territory, .....	314
17. Alabama, .....	281	35. New Mexico Territory, .....	314
18. Mississippi, .....	284	36. District of Columbia, .....	315

## AMERICAN STATES.

Governments of North America, .....	315	Governments of South America, .....	316
West Indian Governments, .....	316	Population of the Globe, .....	316

## EUROPE.

Reigning Sovereigns of Europe, .....	317	House of Lords, .....	321
States of Europe, .....	318	House of Commons, .....	327
Great Britain, .....	319	France, .....	332

American Obituary, .....	332	Additions and Corrections, .....	352
Chronicle of Events, .....	345		

# INDEX.

	PAGE		PAGE
Abstracts of Public Laws .....	139	Ephemeris of the Sun .....	51
Additions and Corrections .....	352	Eras, &c. ....	3
Alabama.....	281	European States .....	318
American Obituary .....	332	Events, General, in 1851 .....	345
American States .....	315	"                    1852 .....	348
Arkansas .....	289	Executive Government of U. S. ....	101
Apportionment of U. S. Representatives .....	209	Expenditures of U. S. for 62 years .....	171
Appraisers at Large .....	102	Expenditures of each State .....	207
Appropriations, U. S., for 1852, 1853. ....	139	Exports of each State for 1850 - 51 .....	180
Army List .....	113	Exports, Value of, in 1850 - 51.....	176 - 178
Army Officers, Pay of.....	119	Exports to Foreign Countries .....	178
Army Pension Agents .....	112	Exports for 61 Years .....	169
Arsenals in the United States.....	116	Federal Representative Population,....	209
Assistant Treasurers .....	102	Festivals of the Church .....	5
Astronomy, Recent Discoveries in, relat-		Finances of the States.....	206, 207
ing to Comets .....	69	Fixed Stars, Apparent Places of .....	59
Attorneys of U. S. Courts .....	126	Florida.....	280
Banks. See the several States.		Flowering of Fruit-trees in 1852 .....	98
Barometrical Observations .....	89 - 98	Foreign Goods imported.....	178
Cabinet, Officers in the .....	101	Foreign Mail Service .....	187
Calendar: January, &c.....	10 - 33	Foreign Ministers, &c., in U. S. ....	134
California .....	312	Foreign Nations, Intercourse with .....	129
California Gold .....	211	Foreign Trade, Countries of .....	178
California Land Claims, Commission ....	104	France .....	332
California, Act concerning Branch Mint in, .....	144	Franking Privilege .....	191
Capitals of States .....	204	Free Matter .....	162
Census of U. States (Seventh) ..	209	General Events in 1851 .....	345
Celestial Phenomena, Signs, &c. ....	3	"                    1852 .....	348
Chargés d'Affaires of U. S. in 1852.....	130	Geologists, U. S., with Land-Office.....	110
Chronicle of Events .....	345	Georgia .....	278
Chronological Cycles .....	4	Government, Seats of, in different States. ....	204
Church Festivals .....	5	Governments, Annual Expenses of State. ....	207
Circuit Courts .....	126 - 128	Governors of States, Terms and Salaries. ....	205
Cities, Principal, Population of. ....	210	Great Britain .....	319
Clerks of Circuit Courts, U. S. ....	352	Illinois .....	304
Clerks of District Courts of U. S. ....	127	Imports, Value of, in 1850 and 1851. ....	172 - 175
Clouds and Winds.....	89 - 98	Imports for 61 Years .....	169
Coinage of Mint for 59 Years .....	212	Imports of each State for 1850 - 51 .....	180
Collectors of Customs .....	107	Imports paying ad valorem Duties. ....	172 - 175
Colleges in United States .....	198	Imports free of Duty .....	172
Colleges. Annual Expenses in .....	201	Indian Superintendents and Agents. ....	111
Comets, Recent Discoveries of. ....	69 - 88	Indiana .....	300
Commerce .....	172	Inspection of Steam-Vessels, act concerning .....	150
Commercial Agents in Foreign Countries .....	130	Inspectors of Steam-Vessels .....	352
Commercial Marine of the U. S. ....	181	Intercourse with Foreign Nations .....	129
Commission on California Land Claims .....	104	Interior, Department of the .....	104
Commissioners, U. S., in Foreign Countries .....	130	Iowa .....	308
Congress, Thirty-Second, 2d Session ....	213	Jewish Calendar .....	5
Congress, Officers of. ....	352	Judges of U. S. Circuit and District Courts .....	126
Connecticut .....	246	Judiciary, U. S. ....	124
Consuls, Foreign, in U. S. ....	134 - 139	Jupiter's Satellites, Eclipses of.....	43
Consuls in Foreign Countries .....	130 - 133	Kentucky .....	292
Corrections and Additions .....	352	Land-Office, Registers, Receivers, &c. ....	109
Countries whence Goods are brought ....	178	Lands, Public .....	196
Darkness of the Nights .....	8	Lands, Public, Act granting Right of Way	143, 146, 148
Debt of the United States .....	163	through, in certain cases.....	141
Debts of the States .....	206	Land Warrants, Act making assignable. ....	141
Delaware .....	263	Latitude and Longitude of Observatories .....	45
Department of the Interior .....	104	Latitude and Longitude of Places.....	46 - 50
Department of State .....	102	Law Schools .....	202
Departments, Officers in the .....	102 - 104	Laws, Titles and Abstracts of Public .....	139
Disks of Venus and Mars .....	42	Legislatures, State, Meeting of. ....	204
District Courts .....	126 - 128	Letters, by Sea-going Vessels .....	160
District of Columbia .....	315	Libraries, College.....	199 - 201
Eclipses in 1853 .....	37	Lighthouse Board .....	352
Eclipse of Moon, June 20 .....	39	Lighthouse Board, Act concerning .....	159
Eclipse of Sun, Annular, June 6 .....	37	Louisiana .....	285
Eclipse of Sun, Total, November 30 .....	39	Mahometan Calendar .....	6
Elections, State .....	204	Mail Service for 1851 .....	183
Engineers, Corps of, &c. ....	113	Mail Service, Foreign .....	187
Engineers in Navy, Pay of. ....	121	Maine .....	227
Envoy Extraordinary, &c. ....	129	Marine, Commercial, of the U. S. ....	

Marine Corps .....	123	Public Lands, Sales of .....	197
Mars and Venus, Disks of .....	42	Public Lands, Surveyors-General of .....	110
Marshals, U. S. ....	127	Public Laws, Titles and Abstracts of .....	139
Maryland .....	264	Public Printing, Act concerning .....	147
Massachusetts .....	237	Public Resolutions of Congress .....	162
Massachusetts, Railroads of .....	220	Railroads in New England .....	220-223
Medical Schools .....	203	Railroads in Construction in New England .....	222
Meteorological Information .....	89-98	Railroads in the U. S. ....	220-226
Michigan .....	298	Receivers of Land-Office .....	109
Military Geographical Departments .....	115	Recent Discoveries in Astronomy, &c. ....	69
Military Geographical Divisions .....	115	Refractions, Dr. Young's .....	67
Military Posts .....	116	Registers of Land-Office .....	109
Militia Force of the U. S. ....	118	Religious Denominations .....	204
Minnesota Territory .....	314	Representatives, Alphabetical List of .....	218
Ministers of U. S. in Foreign Countries .....	129	Representatives, House of .....	215
Ministers, Foreign, in U. S. ....	134	Representatives, State, No. of, and Terms .....	205
Mint .....	210	Representatives, U. S., Apportionment of .....	209
Mint, Officers of, Coinage, &c. ....	211	Resolutions, Public, of Congress .....	162
Mississippi .....	284	Revenue and Expenditure .....	163-171
Missouri .....	306	Revenue, U. S., for 62 Years .....	170
Naval Officers .....	109	Rhode Island .....	243
Navigation .....	172	Satellites of Jupiter, Eclipses of, in 1853 .....	43
Navy Department .....	103	Saturn's Rings .....	44
Navy List .....	120	School Fund of States .....	207
Navy Officers, Pay of .....	121	Seasons, Beginning and Length of .....	4
Navy, Vessels of War in .....	122	Secretaries of Legation .....	129, 134
Navy Pension Agents .....	113	Senate of the U. S. ....	213
Navy Yards, Commanders of .....	120	Senators, State, No. of and Terms .....	205
New Hampshire .....	230	Signs of the Planets .....	3
New Jersey .....	256	Signs of the Zodiac .....	4
New Mexico Territory .....	314	Slaves in the U. S. ....	208
Newspapers, Postage on .....	190-196	Smithsonian Institution .....	203
New York .....	250	South Carolina .....	275
New York, Railroads in .....	223	Southern Railroads .....	225
Nights, Darkness of the, in 1853 .....	8, 9	Sovereigns of Europe .....	317
North Carolina .....	273	Specific Duties. See Imports.	
Obituary, American, in 1851 .....	332	Star, Pole, Apparent Places of .....	57
" " 1852 .....	337	Stars, Fixed, Apparent Places of .....	59
Observatories, Latitude and Longitude of .....	45	State Department .....	102
Occultations .....	40	State Elections, &c. ....	204
Ohio .....	294	State Finances, Debts, &c. ....	206, 207
Oregon Territory .....	814	Steamboat Inspection Law .....	150
Pamphlets, Postage on .....	196	Steamboat Inspectors .....	352
Parallax in Altitude of the Sun .....	68	Sun, Ephemeris of the .....	51
Pennsylvania .....	259	Sun's Parallax in Altitude .....	68
Pension Agents, Army and Navy .....	112, 113	Supreme Court, U. S. ....	126
Planets, Signs of the .....	3	Surveyors of Land-Office .....	109
Pole Star, Apparent Places of the .....	57	Tennessee .....	291
Population of the Globe .....	316	Texas .....	287
Population of the U. S. ....	208, 209	Theological Schools .....	202
Population of Chief Cities in U. S. ....	210	Three-Cent Pieces .....	211
Postage, Act modifying Rates of .....	149	Tides, Height of Greatest, in 1853 .....	7
Postage, Rates of Inland .....	189	Titles and Abstracts of Public Laws .....	139
Postage by the N. Y. & Bremen Steamers .....	194	Tonnage of the U. S. ....	179-182
Postage, Foreign .....	192-196	Tonnage, Comparative View of, for 36 Years .....	181
Postage, Cost and Income from in each State .....	185	Trade, Foreign, Countries of .....	178
Postage to Oregon and California, Foreign .....	192	Treasurers, Assistant .....	102
Postmasters in Chief Towns and Cities .....	104	Treasury Department .....	102
Postmasters, Compensation of .....	185-188	United States, Seventh Census .....	209
Post-Office Department .....	104	Utah Territory .....	314
Post-Office Distributing Offices .....	104	Venus and Mars, Disks of .....	42
Post-Office Laws, Offences against, &c. ....	160	Vermont .....	234
Post-Office Rec's and Expend's in 1850, '51 .....	188	Vessels and Tonnage from 1815 to 1851 .....	182
Post-Office Statistics since 1790 .....	184	Vessels of War in U. S. Navy .....	122
Post-Office Revenue .....	184-188	Virginia .....	267
Post-Office, Stamped Envelopes .....	161	" Abstract of Constitution of .....	267
Presidents of the U. S. ....	101	War Department .....	103
Printed Matter, Sale of uncalled for, by Postmasters .....	149	Western Railroads .....	225, 226
Printing, Public, Act concerning .....	147	West Indian Governments .....	316
Printing, Rates of .....	147	Wheeling Bridge, Act concerning .....	159
Property of States .....	207	Winds and Clouds .....	89-98
Public Lands .....	196	Wisconsin .....	310
		Young's Refractions .....	67
		Zodiac, Signs of the .....	4

THE  
AMERICAN ALMANAC,  
FOR  
1853.

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PART I.



THE  
AMERICAN ALMANAC,  
FOR THE YEAR  
1853,

Being the latter part of the 77th, and the beginning of the 78th year of the Independence of the United States of America ;

- “ the 6566th year of the Julian Period ;
- “ the latter part of the 5613th, and the beginning of the 5614th year since the creation of the world, according to the Jews ;
- “ the 2606th year (according to Varro) since the foundation of Rome ;
- “ the 2600th year since the era of Nabonassar, which has been assigned to Wednesday, the 26th of February, of the 3967th year of the Julian Period, which corresponds, according to the chronologists, to the 747th, and, according to the astronomers, to the 746th year before the birth of Christ ;
- “ the 2629th year of the Olympiads, or the first year of the 658th Olympiad, beginning in July, 1853, if we fix the era of the Olympiads at 775½ years before Christ, or at or about the beginning of July of the year 3938 of the Julian Period ;
- “ the latter part of the 1269th, and the beginning of the 1270th year (of twelve lunations) since the Hegira, or flight of Mahomet, which, as is generally supposed, took place on the 16th of July, in the year 622 of the Christian era.

## I. CALENDAR AND CELESTIAL PHENOMENA FOR THE YEAR.

### SIGNS OF THE PLANETS, &c.

☉ The Sun.	♂ Mars.	♃ Jupiter.
♁ The Earth.	♁ Vesta.	♄ Saturn.
☾ The Moon.	♃ Juno.	♅ Herschel or Uranus.
☿ Mercury.	♃ Pallas.	♆ Neptune.
♀ Venus.	♁ Ceres.	★ A fixed star.

- ♄ Conjunction, or having the same Longitude or Right Ascension.
- Quadrature, or differing 90° in “ “ “
- ♁ Opposition, or differing 180° in “ “ “
- ♁ The ascending, ♁ the descending node.

The sign  $+$  is prefixed to the latitude, or declination, of the Sun, or other heavenly body, when *north*, and the sign  $-$  when *south*; but the former prefixed to the hourly motion of the Moon in latitude indicates that she is approaching, and the latter that she is receding from, the *north* pole of the ecliptic.

The letters *M. A.*, *m. a.*, denote *Morning* and *Afternoon*.

### CHRONOLOGICAL CYCLES.

Dominical Letter, . . . . .	B	Solar Cycle, . . . . .	14
Epact, . . . . .	20	Roman Indiction, . . . . .	11
Lunar Cycle, or Golden Number, 11		Julian Period, . . . . .	6566

### SIGNS OF THE ZODIAC.

Spring signs.	{ 1. ♈ Aries.	Autumn signs.	{ 7. ♎ Libra.
	{ 2. ♉ Taurus.		{ 8. ♏ Scorpio.
	{ 3. ♊ Gemini.		{ 9. ♐ Sagittarius.
Summer signs.	{ 4. ♋ Cancer.	Winter signs.	{ 10. ♑ Capricornus.
	{ 5. ♌ Leo.		{ 11. ♒ Aquarius.
	{ 6. ♍ Virgo.		{ 12. ♏ Pisces.

### BEGINNING AND LENGTH OF THE SEASONS.

Sun enters ♋ (Winter begins)	1852, Dec. 21st,	h. m.	
" " ♈ (Spring " )	1853, March 20th,	10 8 M.	} Mean Time at Washington Observatory.
" " ♊ (Summer " )	" June 21st,	11 17 M.	
" " ♎ (Autumn " )	" Sept. 22d,	8 16 M.	
" " ♏ (Winter " )	" Dec. 21st,	10 29 A.	
		4 4 A.	

Sun in the Winter signs,	d. h. m.
" " Spring " . . . . .	89 1 9
" " Summer " . . . . .	92 20 59
" " Autumn " . . . . .	93 14 13
" north of Equator, (Spring and Summer,)	89 17 35
" south of " (Winter and Autumn,)	186 11 12
	178 18 44

Length of the tropical year, commencing at the winter solstice, 1852, and terminating at the winter solstice, 1853, . . . . .	} 365 5 56
Mean or average length of the tropical year,	
	365 5 49

## MOVABLE FESTIVALS OF THE CHURCH IN 1853.

Septuagesima Sunday,	Jan. 23d	Rogation Sunday,	May 1st
Quinq. or Shrove Sunday,	Feb. 6th	Ascen. Day, or Holy Th.,	May 5th
Ash Wed., Lent begins,	Feb. 9th	Whitsunday, or Pentecost,	May 15th
Mid-Lent Sunday,	Mar. 6th	Trinity Sunday,	May 22d
Palm Sunday,	Mar. 20th	Corpus Christi Day, }	May 26th
<i>Easter Sunday,</i>	Mar. 27th	Fête Dieu, }	
Low Sunday,	April 3d	Advent Sunday,	Nov. 27th

## JEWISH CALENDAR.

[The anniversaries marked with an asterisk (\*) are to be strictly observed.]

## Year. Names of the Months.

5613	Thebet begins,	Dec. 12, 1852
"	" 10th, Fast for the Siege of Jerusalem,	Dec. 21, "
"	Sebat begins,	Jan. 10, 1853
"	Adar begins,	Feb. 9, "
"	" 14th, Little Purim,	Feb. 22, "
"	Veader begins,	Mar. 11, "
"	" 13th, Fast of Esther,	Mar. 23, "
"	" 14th, *Purim,	Mar. 24, "
"	" 15th, Schuscan Purim,	Mar. 25, "
"	Nisan begins,	Apr. 9, "
"	" 15th, *Beginning of the Passover,	Apr. 23, "
"	" 16th, *Second Feast, or Morrow of the Passover,	Apr. 24, "
"	" 21st, *Seventh Feast,	Apr. 29, "
"	" 22d, *End of the Passover,	Apr. 30, "
"	Ijar begins,	May 9, "
"	" 18th, Lag Beomer,	May 26, "
"	Sivan begins,	June 7, "
"	" 6th, *Feast of Weeks or Pentecost,	June 12, "
"	" 7th, *Second Feast,	June 13, "
"	Thammus begins,	July 7, "
"	" 18th, Fast for the taking of the Temple,	July 24, "
"	Ab begins,	Aug. 5, "
"	" 9th, *Fast for the burning of the Temple,	Aug. 14, "
"	Elul begins,	Sept. 4, "
5614	Tisri begins, *Feast for the New Year,	Oct. 3, "
"	" 2d, *Second Feast for the New Year,	Oct. 4, "
"	" 3d, Fast of Gedaliah,	Oct. 5, "
"	" 10th, *Fast of the Reconciliation or Atonement,	Oct. 12, "



Year. Names of the Months.

5614	Tisri 15th, *Feast of the Huts or Tabernacles, . . .	Oct. 17, 1853
"	" 16th, *Second Feast of the Huts, . . .	Oct. 18, "
"	" 21st, Feast of Palms or Branches, . . .	Oct. 23, "
"	" 22d, *End of the Hut or Congregation Feast, . . .	Oct. 24, "
"	" 23d, *Rejoicing for the Discovery of the Law, . . .	Oct. 25, "
"	Marchesvan begins, . . . . .	Nov. 2, "
"	Chisleu begins, . . . . .	Dec. 2, "
"	" 25th, Consecration of the Temple, . . .	Dec. 26, "
"	Thebet begins, . . . . .	Jan. 1, 1854

The Jewish year generally contains 354 days, or 12 lunations of the Moon; but in a cycle of 19 years, an intercalary month (Veader) is 7 times introduced, for the purpose of rendering the average duration of the year nearly or quite correct.

### MAHOMETAN CALENDAR.

Year. Names of the Months.

1269	Rabia I. begins, . . . . .	Dec. 13, 1852
"	Rabia II. " . . . . .	Jan. 12, 1853
"	Jomadhi I. " . . . . .	Feb. 10, "
"	Jomadhi II. " . . . . .	Mar. 12, "
"	Redjeb " . . . . .	Apr. 10, "
"	Chaban " . . . . .	May 10, "
"	Ramadan " (Month of Fasting,) . . .	June 8, "
"	Schewall " (Bairam,) . . . . .	July 8, "
"	Dsu'l-kadah " . . . . .	Aug. 6, "
"	Dsu'l-hejjah " . . . . .	Sept. 5, "
1270	Muharrem " . . . . .	Oct. 4, "
"	Saphar " . . . . .	Nov. 3, "
"	Rabia I. " . . . . .	Dec. 2, "
"	Rabia II. " . . . . .	Jan. 1, 1854

The Mahometan Era dates from the flight of Mahomet to Medina, July 16th, A. D. 622.

The Mahometan year is purely lunar; it consists of 12 synodical periods of the Moon, or of 354 days 19 times in a cycle of 30 years, and of 355 days 11 times. The average length of this year is therefore  $354\frac{11}{30}$  days, which differs only *thirty-three seconds* from the truth; a degree of exactness that could only have been attained by a long series of observations. But as no allowance is made for the excess of 11 days in the length of a tropical year over the time of 12 revolutions of the Moon, it is obvious that once in about 33 years the above months will correspond to every season and every part of the Gregorian year.

## HEIGHT OF THE GREATEST OR SPRING TIDES IN 1853.

*Computed by the Formula of Laplace (Mécanique Céleste, Vol. II. pp. 269, Paris ed., and [2858] Bowd. ed.).*

New or Full Moon.		Height of the Tide.		New or Full Moon.		Height of the Tide.		
		d.	h.			d.	h.	
New Moon,	Jan.	9,	11 M.	0.91	Full Moon,	July 29,	9 M.	0.92
Full "		25,	1 M.	0.86	New "	Aug. 4,	7 A.	0.82
New "	Feb.	8,	0 M.	0.91	Full "	18,	6 A.	0.94
Full "		23,	2 A.	1.00	New "	Sept. 3,	7 M.	0.96
New "	Mar.	9,	3 A.	0.92	Full "	17,	5 M.	0.95
Full "		25,	1 M.	1.11	New "	Oct. 2,	5 A.	1.07
New "	April	8,	7 M.	0.88	Full "	16,	7 A.	0.90
Full "		23,	10 M.	1.11	New "	Nov. 1,	3 M.	1.08
New "	May	7,	11 A.	0.80	Full "	15,	1 A.	0.81
Full "		22,	6 A.	1.03	New "	30,	2 A.	1.02
New "	June	6,	3 A.	0.73	Full "	Dec. 15,	8 M.	0.73
Full "		21,	1 M.	0.94	New "	30,	1 M.	0.97
New "	July	6,	6 M.	0.74				

The unit of altitude at any place is the height at that place of that tide which arrives *about a day and a half* after the time of New or Full Moon, when the Sun and Moon, at the moment of conjunction or opposition, are at their mean distance from the Earth, and in the plane of the celestial equator.

This unit of altitude, which must be derived from observation for each place, multiplied by the quantities in the above table, gives the height of the spring tides at that place during the present year.

By the above table it appears that the highest tides of 1853 will be those of March 26, April 24, May 24, Oct. 4, Nov. 2, and Dec. 2.

The actual rise of the tide, however, depends so much on the strength and direction of the wind, that it not unfrequently happens that a tide, which would, independently of these, have been small, is higher than another, otherwise much greater. But when a tide, which arrives when the Sun and Moon are in a favorable position for producing a great elevation, is still further increased by a very strong wind, the rise of the water will be uncommonly great; sufficient, perhaps, to cause damage.

The formula from which these tides were computed is, however, strictly true only for Brest and its vicinity, and must be regarded as a very uncertain approximation for the coast of the United States.





Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	5 48m	6 20a	5 48m	6 24a	5 48m	6 29a	5 47m	6 35a	5 44m	6 42a
N. York,	5 46	6 22	5 46	6 26	5 46	6 31	5 45	6 37	5 42	6 44
Wash'n,	5 43	6 25	5 44	6 29	5 44	6 34	5 43	6 39	5 41	6 45
Charles.,	5 35	6 33	5 36	6 37	5 37	6 41	5 36	6 46	5 35	6 51
N. Orl's,	5 31	6 37	5 33	6 40	5 34	6 44	5 33	6 49	5 32	6 54
S. Fran.,	5 42	6 26	5 43	6 30	5 43	6 35	5 42	6 40	5 40	6 46

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

Last Quarter,	2d day,	4h. 46.2m. A.	First Quarter,	17th day,	0h. 21.2m. M.
New Moon,	9th	10 45.2 M.	Full Moon,	25th	0 34.8 M.
Perigee,	6th day,	1h. A.	Apogee,	18th day,	7h. M.

Days of Month.		Days of Week.		Sun's upper limb rises and sets (cor. for refr.) Mean Time.														Moon Souths. Mean Time.	
				Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francisco, &c.					
				rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.			
1	S.	7 30	4 39	7 25	4 44	7 19	4 49	7 3	5 6	6 56	5 12	7 16	4 53						
2	Su.	7 30	4 40	7 25	4 45	7 19	4 50	7 3	5 7	6 57	5 13	7 16	4 54			5 42m			
3	M.	30	41	26	46	19	51	3	7	57	14	16	55			6 32			
4	Tu.	30	42	26	47	19	52	3	8	57	15	16	55			7 22			
5	W.	30	43	25	48	19	53	4	9	57	15	16	56			8 15			
6	Th.	30	44	25	49	19	54	4	10	57	16	16	57			9 10			
7	F.	29	45	25	50	19	55	4	11	57	17	16	58			10 10			
8	S.	29	46	24	51	19	56	4	11	57	18	16	4 59			11 11			
9	Su.	7 29	4 47	7 24	4 52	7 19	4 57	7 4	5 12	6 57	5 18	7 15	5 0			0 12a			
10	M.	29	48	24	53	19	58	4	13	57	19	15	1			1 11			
11	Tu.	28	49	24	54	18	59	3	14	57	20	15	2			2 6			
12	W.	28	50	23	55	18	5 0	3	15	57	21	15	3			2 56			
13	Th.	28	51	23	56	18	1	3	16	57	22	15	4			3 43			
14	F.	27	53	23	57	18	2	3	17	57	23	14	5			4 27			
15	S.	27	54	22	58	17	3	3	18	57	24	14	6			5 9			
16	Su.	7 26	4 55	7 22	5 0	7 17	5 4	7 2	5 19	6 57	5 24	7 14	5 7			5 52a			
17	M.	26	56	21	1	16	5	2	19	56	25	14	8			6 32			
18	Tu.	25	57	20	2	16	6	2	20	56	26	13	9			7 14			
19	W.	24	59	20	3	15	8	1	21	56	27	13	10			7 59			
20	Th.	24	5 0	19	4	15	9	1	22	55	28	12	11			8 46			
21	F.	23	1	19	5	14	10	1	23	55	29	12	12			9 35			
22	S.	22	2	18	7	14	11	0	24	55	29	11	13			10 27			
23	Su.	7 22	5 4	7 17	5 8	7 13	5 12	7 0	5 25	6 54	5 30	7 11	5 14			11 21a			
24	M.	21	5	17	9	12	13	6 59	26	54	31	10	16			8			
25	Tu.	21	6	16	10	12	14	59	27	54	32	10	17			0 15m			
26	W.	20	7	15	11	11	15	58	28	53	33	9	18			1 8			
27	Th.	18	9	14	13	10	17	58	29	53	34	9	19			2 1			
28	F.	17	10	13	14	10	18	57	30	52	35	8	20			2 51			
29	S.	16	11	13	15	9	19	57	31	52	36	7	21			3 40			
30	Su.	7 15	5 13	7 12	5 16	7 8	5 20	6 56	5 32	6 51	5 37	7 6	5 22			4 30m			
31	M.	14	14	11	17	7	21	55	33	51	37	5	23			5 19			

## Passage of the Meridian (mean time) and Declination of the Planets.

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Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Veris Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	11 14a	11 17a	11 18a	11 20a	11 23a	11 26a	2 44m	11 58m	11 6m	2 31a
2	...	...	...	...	...	...	3 29m	0 40a	11 53m	3 18a
3	0 26m	0 25m	0 26m	0 25m	0 26m	0 35m	4 17	1 35	0 45a	4 10
4	1 36	1 37	1 36	1 31	1 31	1 43	5 14	2 36	1 46	5 11
5	2 53	2 49	2 47	2 39	2 37	2 54	6 22	3 48	2 56	6 21
6	4 8	4 4	3 59	3 47	3 45	4 6	7 32	5 0	4 8	6 57m
7	5 23	5 18	5 13	4 57	4 52	5 17	8 43	6 6	5 16	8 8
8	6 34	6 28	6 23	6 5	6 0	6 27	9 45	6 37m	6 14	9 15
9	sets.	sets.	sets.	sets.	sets.	sets.	10 42m	7 32m	6 42m	10 7m
10	5 56a	6 13a	6 7a	6 23a	6 31a	6 18a	11 35	8 27	7 35	11 1
11	7 5	7 10	7 14	7 28	7 36	7 25	0 26a	9 18	8 26	11 51
12	8 13	8 16	8 20	8 30	8 36	8 30	1 8	10 0	9 8	0 33a
13	9 18	9 20	9 23	9 30	9 34	9 32	1 50	10 42	9 50	1 15
14	10 21	10 23	10 24	10 27	10 31	10 32	2 32	11 24	10 32	1 57
15	11 29	11 23	11 23	11 23	11 24	11 30	3 12	0 43	11 12	2 37
16	...	...	...	...	...	...	3 50a	0 42a	11 50m	3 15a
17	0 23m	0 22m	0 20m	0 17m	0 16m	0 27m	4 31	1 23	0 31a	3 66
18	1 23	1 21	1 20	1 12	1 11	1 25	5 18	2 10	1 18	4 49
19	2 23	2 21	2 18	2 7	2 4	2 22	6 21	3 18	2 21	5 46
20	3 24	3 20	3 16	3 3	2 59	3 20	6 53m	4 16	3 24	6 49
21	4 24	4 20	4 15	3 59	3 54	4 18	8 1	5 28	4 36	8 1
22	5 24	5 19	5 13	4 56	4 50	5 17	9 10	6 2m	5 42	8 35m
23	sets.	sets.	sets.	sets.	sets.	sets.	10 6m	6 57m	6 29a	9 30m
24	4 28a	4 35a	4 40a	4 58a	5 7a	4 51a	10 52	7 42	6 52m	10 17
25	5 35	5 41	5 45	5 59	6 8	5 55	11 34	8 26	7 34	10 59
26	6 44	6 49	6 52	7 4	7 11	7 3	0 14a	9 6	8 14	11 39
27	7 55	7 58	8 1	8 10	8 14	8 11	0 52	9 44	8 52	0 17a
28	9 6	9 7	9 10	9 15	9 18	9 19	1 30	10 22	9 30	0 55
29	10 18	10 18	10 18	10 19	10 20	10 26	2 10	11 2	10 10	1 35
30	...	...	...	...	...	...	2 50a	11 42m	10 50m	2 15a
31	...	...	...	...	...	...	3 32m	0 24a	11 32	2 57

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 38m	6 50a	5 32m	6 56a	5 26m	7 3a	5 18m	7 10a	5 9m	7 17a
N. York,	5 37	6 51	5 31	6 57	5 25	7 4	5 18	7 10	5 10	7 16
Wash'n,	5 36	6 52	5 31	6 58	5 25	7 4	5 18	7 10	5 10	7 16
Charles.,	5 31	6 57	5 27	7 1	5 23	7 6	5 17	7 11	5 10	7 16
N. Ori's,	5 29	6 59	5 25	7 3	5 21	7 8	5 16	7 12	5 11	7 15
S. Fran.,	5 35	6 53	5 30	6 59	5 25	7 4	5 18	7 10	5 10	7 16

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

Last Quarter, 1st day, 0h. 52.9m. M. | First Quarter, 15th day, 10h. 3.5m. A.  
New Moon, 8th, 0 25.5 M. | Full Moon, 23d, 2 15.9 A.  
Perigee, 1st day, 10h. A. | Apogee, 15th day, 4h. M. | Perigee, 27th day, 3h. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.
1	Tu.	7 13	5 15	7 10	5 19	7 6	5 22	6 55	5 34	6 50	5 38	7 4	5 24	6 10m
2	W.	12	17	9	20	5	24	54	35	50	39	3	25	7 4
3	Th.	11	18	8	21	4	25	54	36	49	40	2	27	8 0
4	F.	10	19	7	22	3	26	53	36	48	41	1	28	8 59
5	S.	9	20	6	24	2	27	52	37	48	41	0	29	9 59
6	Su.	7 8	5 22	7 5	5 25	7 1	5 28	6 51	5 38	6 47	5 42	6 59	5 30	10 57m
7	M.	7	23	3	26	0	29	50	39	46	43	58	31	11 52
8	Tu.	5	24	2	27	6 59	30	49	40	46	44	57	33	0 45a
9	W.	4	26	1	28	58	32	49	41	45	45	56	34	1 34
10	Th.	3	27	0	30	57	33	48	42	44	46	55	35	2 19
11	F.	1	28	6 59	31	56	34	47	43	43	46	54	36	3 3
12	S.	0	30	57	32	55	35	46	44	42	47	53	37	3 45
13	Su.	6 58	5 31	6 56	5 33	6 53	5 36	6 45	5 45	6 41	5 48	6 52	5 38	4 26a
14	M.	57	32	55	35	52	38	44	45	40	49	51	39	5 8
15	Tu.	56	33	53	36	51	38	43	46	39	50	50	40	5 52
16	W.	55	35	52	37	50	39	42	47	39	50	49	41	6 37
17	Th.	53	36	51	38	48	41	41	48	38	51	48	42	7 25
18	F.	52	37	49	39	47	42	40	49	37	52	46	43	8 16
19	S.	50	38	48	41	46	43	39	50	36	53	45	44	9 8
20	Su.	6 49	5 40	6 46	5 42	6 44	5 44	6 38	5 51	6 35	5 53	6 44	5 45	10 3a
21	M.	47	41	45	43	43	45	37	51	34	54	43	46	10 57
22	Tu.	46	42	44	44	42	46	36	52	33	55	41	47	11 50
23	W.	44	43	42	45	40	47	34	53	32	56	40	48	8
24	Th.	43	45	41	47	39	48	33	54	31	56	38	49	0 42m
25	F.	41	46	39	48	38	49	32	55	30	57	37	50	1 34
26	S.	40	47	38	49	36	50	31	56	29	56	36	51	2 24
27	Su.	6 38	5 48	6 36	5 50	6 35	5 51	6 30	5 56	6 28	5 58	6 34	5 52	3 15m
28	M.	36	50	35	51	33	52	29	57	27	59	33	53	4 6

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.
	h. m.	o	h. m.	o	h. m.	o	h. m.	o	h. m.	o
11	6m	—22 3	11	22m —20 20	11	39m —17 46	11	56m —14 22	0	14a
10	29	—22 6	10	37 —21 9	10	44 —19 49	10	62 —18 6	10	59m —16 8
0	2a	—18 10	0	52 —16 47	0	0 —15 18	11	55 —13 43	11	50 —12 4
5	48	+10 3								
5	43m	+0 11	5	2m +1 21	5	16 +2 45	4	45 +4 16	4	25 +5 52
6	10	—5 2	5	40 —5 11	5	21 —5 16	5	0 —5 18	4	40 —5 17
8	22	—22 20	8	2 —22 25	7	43 —22 30	7	23 —22 33	7	3 —22 36
5	50a	+13 10	5	22a +13 14	5	62 +13 21	4	44a +13 29	4	22a +13 39
5	23	+12 41	4	59 +12 43	4	36 +12 46	4	14 +12 50	3	61 +12 54

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francis- co, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francis- co (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	0 41m	0 39m	0 36m	0 30m	0 28m	0 45m	3 55m	1 12a	0 20a	3 45a
2	1 55	1 52	1 47	1 36	1 34	1 54	4 44	2 3	1 11	4 34
3	3 7	3 3	2 59	2 44	2 40	3 4	5 42	3 11	2 19	5 44
4	4 18	4 13	4 7	3 50	3 45	4 12	6 58	4 29	3 37	7 2
5	5 23	5 19	5 11	4 53	4 47	5 15	8 21	5 54	5 2	7 47m
S.	6 19m	6 14m	6 8m	5 51m	5 45m	6 11m	9 37m	6 29m	6 10a	9 2m
7	sets.	sets.	sets.	sets.	sets.	sets.	10 40	7 32	6 40m	10 5
8	5 56a	5 52a	6 32a	6 14a	6 21a	6 13a	11 32	8 24	7 32	10 57
9	7 2	7 4	7 7	7 16	7 21	7 17	0 16a	9 8	8 16	11 41
10	8 6	8 8	8 10	8 14	8 18	8 19	0 56	9 48	8 56	0 21a
11	9 9	9 10	9 10	9 11	9 13	9 18	1 22	10 24	9 32	0 57
12	10 9	10 9	10 8	10 5	10 5	10 16	2 7	10 59	10 7	1 32
S.	11 10a	11 8a	11 6a	11 1a	11 0a	11 13a	2 40a	11 32m	10 40m	2 5a
14	...	...	...	11 55	11 53	...	3 14	0 6a	11 14	2 39
15	0 9m	0 6m	0 4m	...	...	0 10m	3 47	0 37	11 47	3 12
16	1 11	1 6	1 2	0 50m	0 47m	1 8	4 25	1 17	0 25a	3 50
17	2 10	2 6	2 2	1 47	1 43	2 6	5 10	2 2	1 10	4 35
18	3 10	3 5	2 59	2 43	2 38	3 3	6 17	3 9	2 17	5 42
19	4 8	4 3	3 57	3 39	3 33	4 0	6 57m	4 29	3 37	7 2
S.	5 1m	4 53m	4 49m	4 32m	4 26m	4 53m	8 17m	5 49a	4 57a	7 42m
21	5 48	5 42	5 37	5 21	5 15	5 39	9 35	6 27m	6 5	9 0
22	rises.	rises.	rises.	rises.	rises.	rises.	10 30	7 22	6 30m	9 55
23	5 38a	5 41a	5 45a	5 53a	6 0a	5 54a	11 15	8 7	7 15	10 40
24	6 52	6 53	6 55	7 2	7 5	7 5	11 55	8 47	7 55	11 20
25	8 4	8 4	8 5	8 7	8 10	8 15	0 35a	9 27	8 35	12 0
26	9 18	9 17	9 17	9 14	9 15	9 25	1 12	10 4	9 12	0 38a
S.	10 32a	10 30a	10 27a	10 21a	10 21a	10 36a	1 50a	10 42m	9 50m	1 15a
28	11 46	11 43	11 40	11 29	11 27	11 47	2 29m	11 21	10 29	1 54



Twilight begins and ends. Mean Time.

Average begins and ends. Mean time.											
	1st day.		7th day.		13th day.		19th day.		25th day.		
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	
Boston,	5 3m	7 23a	4 53m	7 29a	4 43m	7 37a	4 32m	7 45a	4 20m	7 52a	
N. York,	5 4	7 22	4 54	7 28	4 44	7 35	4 34	7 42	4 23	7 49	
Wash'n,	5 5	7 21	4 55	7 27	4 46	7 34	4 36	7 40	4 26	7 46	
Charles.,	5 7	7 19	4 59	7 24	4 51	7 29	4 43	7 33	4 34	7 38	
N. Orl's,	5 7	7 19	5 0	7 23	4 53	7 27	4 45	7 31	4 37	7 35	
S. Fran.,	5 5	7 21	4 56	7 26	4 47	7 33	4 37	7 39	4 27	7 45	

## PHASES, AND APOGEE AND PERIGEE, OF THE MOON.

Last Quarter,	2d day,	8h.	31.4m.	M.	Full Moon,	25th day,	1h.	11.8m.	M.
New Moon,	9th "	3	10.7	A.	Last Quarter,	31st "	4	34.1	A.
First Quarter,	17th "	6	25.8	A.					

Apogee, 15th day, 0h. M.

Perigee, 26th day, 9h. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	Tu.	6 35	5 51	6 33	5 52	6 32	5 53	6 28	5 58	6 26	6 0	6 31	5 54	5 0m
2	W.	33	52	32	53	30	54	26	59	25	0	30	55	5 55
3	Th.	32	53	30	54	29	56	25	59	23	1	29	56	6 53
4	F.	30	54	29	55	28	57	24	6 0	22	2	27	57	7 51
5	S.	28	56	27	57	26	58	23	1	21	2	26	58	8 49
6	Su.	6 27	5 57	6 26	5 58	6 25	5 59	6 21	6 2	6 20	6 3	6 24	5 59	9 46m
7	M.	25	58	24	59	23	6 0	20	3	19	4	23	6 0	10 38
8	Tu.	23	59	22	6 0	22	1	19	4	18	4	21	1	11 27
9	W.	21	6 0	21	1	20	2	18	4	16	5	20	2	0 13a
10	Th.	20	1	19	2	19	3	16	5	15	6	18	3	0 57
11	F.	18	3	17	3	17	4	15	6	14	6	17	4	1 39
12	S.	16	4	16	4	15	5	14	6	13	7	15	5	2 21
13	Su.	6 15	6 5	6 14	6 5	6 14	6 6	6 12	6 7	6 12	6 8	6 14	6 6	3 32a
14	M.	13	6	13	6	12	7	11	8	11	8	12	7	3 45
15	Tu.	11	7	11	8	11	8	10	9	9	9	11	7	4 30
16	W.	9	8	9	9	9	9	8	9	8	9	9	8	5 17
17	Th.	8	10	8	10	8	10	7	10	7	10	8	9	6 6
18	F.	6	11	6	11	6	11	6	11	6	11	6	10	6 57
19	S.	4	12	4	12	5	12	5	11	5	11	5	11	7 49
20	Su.	6 3	6 13	6 3	6 13	6 3	6 13	6 3	6 12	6 4	6 12	6 3	6 12	8 43
21	M.	1	14	1	14	2	14	2	13	2	12	2	13	9 36
22	Tu.	5 59	15	5 59	15	0	15	1	13	1	13	0	14	10 29
23	W.	57	16	58	16	5 58	15	5 59	14	0	14	5 58	15	11 21
24	Th.	56	17	56	17	57	16	58	15	5 58	14	57	16	8
25	F.	54	18	54	18	55	17	57	16	57	15	55	17	0 12m
26	S.	52	20	53	19	53	18	55	16	56	15	54	18	1 4
27	Su.	5 50	6 21	5 51	6 20	5 52	6 19	5 54	6 17	5 54	6 16	5 52	6 19	1 57m
28	M.	49	22	49	21	50	20	53	18	53	17	51	20	2 51
29	Tu.	47	23	48	22	49	21	51	18	52	17	49	21	3 48
30	W.	45	24	46	23	47	22	50	19	51	18	48	21	4 47
31	Th.	43	25	44	24	46	23	49	20	50	18	46	22	5 47

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.
h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.
0 26a	— 7 41	0 44a	— 2 23	1 0a	+ 3 9	1 11a	+ 8 8	1 10a	+ 11 38
11 3m	— 14 40	11 8m	— 12 14	11 13m	— 9 37	11 17m	— 6 51	11 21m	— 3 68
11 46	— 10 55	11 40	— 9 9	11 34	— 7 20	11 28	— 5 29	11 21	— 3 37
<hr/>									
4 0	+ 7 1	3 48	+ 8 50	3 25	+ 10 43	3 0	+ 12 38	2 39	+ 14 33
4 25	— 5 13	4 3	— 5 6	3 40	— 4 56	3 16	— 4 43	2 51	— 4 29
6 49	— 22 38	6 28	— 22 40	6 7	— 22 42	5 45	— 22 43	5 23	— 22 44
4 7a	+ 13 45	3 46a	+ 13 56	3 24a	+ 14 7	3 3a	+ 14 19	2 42a	+ 14 31
3 36	+ 12 58	3 13	+ 13 2	2 50	+ 13 8	2 26	+ 13 14	2 5	+ 13 19

Days of Month.	Moon rises or sets. Mean time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francis co, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francis co (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	...	...	...	...	...	...	3 14a	0 3a	11 11m	2 36a
2	0 59m	0 55m	0 51m	0 38m	0 33m	0 57m	3 53	0 45	11 53	3 18
3	2 12	2 6	2 1	1 44	1 39	2 6	4 44	1 36	0 44a	4 9
4	3 17	3 11	3 5	2 47	2 41	3 9	5 13m	2 44	1 52	5 17
5	4 14	4 8	4 2	3 45	3 38	4 6	6 35	4 13	3 21.	6 46
S.	5 2m	4 58m	4 52m	4 36m	4 31m	4 54m	8 8m	5 46a	4 54a	7 33m
7	5 42	5 37	5 33	5 20	5 15	5 36	9 35	6 27m	6 6	9 0
8	sets.	sets.	sets.	sets.	sets.	sets.	10 35	7 27	6 35m	10 0
9	5 53a	5 55a	5 58a	6 3a	6 6a	6 5a	11 22	8 14	7 22	10 47
10	6 56	6 57	6 57	7 0	7 2	7 6	12 0	8 52	8 0	11 25
11	7 57	7 57	7 57	7 56	7 56	8 5	0 36a	9 28	8 36	0 1a
12	8 58	8 57	8 56	8 51	8 50	9 3	1 7	9 59	9 7	0 32
S.	9 58a	9 56a	9 55a	9 46a	9 41a	10 0a	1 38a	10 30m	9 38m	1 3a
14	10 59	10 55	10 53	10 41	10 38	10 58	2 9	11 1	10 9	1 3a
15	...	11 56	11 52	11 37	11 34	11 59	2 38	11 30	10 38	2 3
16	0 0m	...	...	...	...	...	3 9	0 1a	11 9	2 3a
17	0 59	0 55m	0 49m	0 34m	0 28m	0 54m	3 43	0 35	11 43	3 8
18	1 58	1 52	1 46	1 29	1 23	1 50	4 24	1 16	0 24a	3 49
19	2 51	2 45	2 39	2 21	2 15	2 43	5 23	2 15	1 23	4 48
S.	3 40m	3 34m	3 29m	3 11m	3 5m	3 32m	6 48a	3 40a	2 48a	6 13a
21	4 22	4 18	4 13	3 58	3 52	4 14	7 34m	5 10	4 14	6 59m
22	4 59	4 55	4 52	4 39	4 35	4 54	9 0	5 51m	5 36	8 2a
23	rises.	rises.	rises.	rises.	rises.	rises.	10 4	6 56	6 27	9 29
24	5 41a	5 42a	5 44a	5 47a	5 51a	5 53a	10 48	7 40	6 48m	10 13
25	6 57	6 57	6 57	6 56	6 5	7 7	11 31	8 23	7 31	10 56
26	8 12	8 12	8 10	8 5	8 5	8 19	0 8a	9 0	8 8	11 33
S.	9 29a	9 26a	9 25a	9 15	9 13a	9 32a	0 45a	9 37m	8 46m	0 10a
28	10 47	10 44	10 39	10 26	10 22	10 47	1 25	10 17	9 25	0 50
29	...	11 57	11 52	11 36	11 30	...	2 7	10 59	10 7	1 32
30	0 1m	...	...	...	...	0 0m	2 48	11 40	10 48	2 13
31	1 12	1 6m	1 0m	0 42m	0 36m	1 5	3 35m	0 27a	11 35	3 0

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	4 7m	8 12	3 55m	8 9a	3 43m	8 18a	3 31m	8 27a	3 19m	8 37a
N. York,	4 11	7 57	3 59	8 5	3 48	8 14	3 37	8 22	3 26	8 30
Wash'n,	4 15	7 53	4 4	8 1	3 53	8 9	3 43	8 17	3 33	8 25
Charles.,	4 25	7 43	4 16	7 49	4 7	7 55	3 59	8 0	3 51	8 5
N. Orl's.,	4 29	7 39	4 21	7 44	4 13	7 49	4 5	7 53	3 58	7 58
S. Fran.,	4 17	7 51	4 6	7 9	3 55	8 7	3 46	8 14	3 36	8 22

PHASES, AND APOGEE AND PERIGEE, OF THE MOON.

New Moon,	8th day, 6h. 49.1m.	M.	Full Moon,	23d day, 10h. 37m.	M.
First Quarter,	16th " 11 36.9	M.	Last Quarter,	30th " 1 42.4	M.
Apogee,	11th day, 3h. A.		Perigee,	24th day, 4h. M.	

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N' Orleans, &c.		San Francisco, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	F.	5 42	6 26	5 43	6 25	5 44	6 24	5 47	6 20	5 49	6 19	5 45	6 23	6 45m
2	S.	40	28	41	26	43	25	46	21	48	20	43	24	7 41
3	Su.	5 38	6 29	5 39	6 27	5 41	6 26	5 45	6 22	5 46	6 20	42	6 25	8 35m
4	M.	36	30	38	28	39	27	44	23	45	21	40	26	9 24
5	Tu.	35	31	36	29	38	28	42	23	44	21	39	27	10 10
6	W.	33	32	35	30	36	29	41	24	43	22	37	28	10 54
7	Th.	31	33	33	32	35	30	40	25	41	23	36	29	11 37
8	F.	30	34	31	33	33	31	38	25	41	23	34	30	0 18a
9	S.	28	35	30	34	32	32	37	26	39	24	33	30	1 0
10	Su.	5 26	6 36	5 28	6 35	5 30	6 33	5 36	6 27	5 38	6 24	5 31	6 31	1 42a
11	M.	25	38	27	36	29	34	35	28	37	25	30	32	2 26
12	Tu.	23	39	25	37	27	35	33	28	36	26	29	33	3 12
13	W.	21	40	24	38	26	36	32	29	35	25	27	34	3 59
14	Th.	20	41	23	39	24	37	31	30	34	27	26	35	4 50
15	F.	18	42	20	40	23	38	30	30	33	27	24	36	5 41
16	S.	17	43	19	41	21	38	29	31	32	26	23	37	6 32
17	Su.	5 15	6 44	5 17	6 42	5 20	6 39	5 27	6 32	5 30	6 29	5 22	6 38	7 24a
18	M.	14	45	16	43	19	40	26	32	29	29	20	39	8 16
19	Tu.	12	46	14	44	17	41	25	33	28	30	19	40	9 7
20	W.	10	48	13	45	16	42	24	34	27	31	17	41	9 58
21	Th.	9	49	11	46	14	43	23	35	26	31	16	42	10 48
22	F.	7	50	10	47	13	44	22	35	25	32	15	43	11 42
23	S.	6	51	9	48	12	45	21	36	24	32	14	44	♂
24	Su.	5 4	6 52	5 7	6 49	5 10	6 46	5 20	6 37	5 23	6 33	5 12	6 44	0 36m
25	M.	3	53	6	50	9	47	19	37	22	34	11	45	1 34
26	Tu.	1	54	4	51	8	48	17	38	21	34	10	46	2 24
27	W.	0	55	3	52	7	49	16	39	20	35	9	47	3 35
28	Th.	59	56	2	53	5	50	15	40	20	35	8	48	4 37
29	F.	57	58	0	54	4	51	14	41	19	36	6	49	5 36
30	S.	56	59	4 59	55	3	52	13	41	18	37	5	50	6 31

1853.]

April has Thirty Days.

17

Passage of the Meridian (mean time) and Declination of the Planets.

A range of the horizontal lines that the sun has														
1st day.			7th day.			13th day.			19th day.			25th day.		
souths.	Dec.		south.	Dec.		souths.	Dec.		souths.	Dec.		souths.	Dec.	
h. m.	o /		h. m.	o /		h. m.	o /		h. m.	o /		h. m.	o /	
0 51a	+ 13 1		0 20a	+ 11 45		11 42m	+ 8 25		11 8m	+ 5 40		10 42m	+ 4 11	
11 25m	— 0 31		11 29m	— 2 27		11 33	+ 5 25		11 37	+ 8 18		11 41	+ 11 4	
11 14	— 1 25		11 7	+ 0 28		11 0	+ 2 21		10 54	+ 4 11		10 47	+ 6 0	
2 5	+ 16 43		1 37	+ 18 28		1 10	+ 20 4		0 42	+ 21 28		0 13	+ 22 39	
2 20	— 4 10		1 53	— 3 54		1 25	— 3 38		0 57	— 3 24		0 28	— 3 13	
4 57	— 22 45		4 34	— 22 45		4 10	— 22 45		3 46	— 22 45		3 22	— 22 44	
2 17a	+ 14 44		1 57a	+ 14 58		1 36a	+ 15 11		1 16a	+ 15 24		0 56a	+ 15 37	
1 39	+ 13 37		1 17	+ 13 33		0 56	+ 13 40		0 32	+ 13 46		0 10	+ 13 53	

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.	
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.
1	2 12m	2 6m	2 0m	1 42m	1 36m	2 3m	3 59m	1 19a	0 27a	3 52a
2	3 3	2 58	2 52	2 35	2 29	2 55	5 1	2 31	1 39	5 4
S.	3 45m	3 40m	3 36m	3 21m	3 16m	3 37m	6 24m	4 5a	3 13a	6 38a
4	4 19	4 15	4 11	3 59	3 55	4 13	8 1	5 37	4 45	8 10
5	4 47	4 44	4 42	4 34	4 31	4 43	9 22	6 14m	5 51	8 47m
6	5 12	5 10	5 8	5 3	5 2	5 10	10 15	7 7	6 39	9 40
7	sets.	sets.	sets.	sets.	sets.	sets.	11 0	7 52	7 0m	10 25
8	6 48a	6 48a	6 47a	6 44a	6 43a	6 54a	11 35	8 27	7 35	11 0
9	7 49	7 48	7 45	7 39	7 38	7 52	0 8a	9 0	8 8	11 33
S.	8 49a	8 47a	8 44a	8 34a	8 32a	8 50a	0 37a	9 29m	8 37m	0 2a
11	9 52	9 48	9 43	9 30	9 26	9 48	1 8	10 0	9 8	0 33
12	10 51	10 47	10 42	10 26	10 21	10 46	1 36	10 28	9 36	1 1
13	11 50	11 44	11 38	11 21	11 15	11 42	2 5	10 57	10 5	1 30
14	...	...	...	...	...	...	2 37	11 29	10 37	2 2
15	0 44m	0 38m	0 32m	0 14m	0 7m	0 35m	3 13	0 5a	11 13	2 38
16	1 33	1 27	1 21	1 3	0 57	1 25	3 55	0 47	11 55	3 20
S.	2 17m	2 13m	2 7m	1 50m	1 45m	2 9m	4 51a	1 44a	0 51a	4 16a
18	2 56	2 52	2 48	2 34	2 29	2 50	6 13	3 5	2 13	5 38
19	3 29	3 26	3 23	3 12	3 8	3 25	7 39	4 31	3 39	7 4
20	4 0	3 57	3 55	3 43	3 40	3 58	8 20m	5 49	4 57	7 45m
21	4 27	4 26	4 26	4 23	4 22	4 30	9 21	6 19m	5 52	8 58
22	rises.	rises.	rises.	rises.	rises.	rises.	10 14	7 6	6 37	9 39
23	7 4a	7 2a	6 59a	6 53a	6 51a	7 8a	10 58	7 50	7 17	10 23
S.	8 24a	8 20a	8 17a	8 5a	8 3a	8 24a	11 36m	8 28m	7 36m	11 1m
25	9 43	9 39	9 34	9 19	9 15	9 40	0 19a	9 11	8 19	11 44
26	10 58	10 52	10 47	10 29	10 23	10 52	1 2	9 54	9 2	0 27a
27	...	11 59	11 53	11 34	11 29	11 57	1 45	10 37	9 45	1 10
28	0 5m	...	...	...	...	...	2 32	11 24	10 33	1 51
29	1 1	0 56m	0 49m	0 32m	0 25m	0 53m	3 21	0 13a	11 21	2 46
30	1 46	1 42	1 36	1 20	1 15	1 38	4 18	1 10	0 18a	3 43

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	3 7m	8 47a	2 56m	8 57a	2 45m	9 7a	2 35m	9 17a	2 25m	9 28a
N. York,	3 14	8 40	3 4	8 49	2 54	8 58	2 45	9 8	2 36	9 18
Wash'n,	3 22	8 32	3 13	8 40	3 4	8 48	2 55	8 57	2 47	9 7
Charles.,	3 43	8 11	3 36	8 17	3 28	8 24	3 22	8 30	3 17	8 87
N. Orl's,	3 51	8 3	3 45	8 8	3 38	8 14	3 33	8 20	3 28	8 26
S. Fran.,	3 26	8 28	3 17	8 36	3 8	8 41	2 59	8 52	2 52	9 2

PHASES, AND APOGEE AND PERIGEE, OF THE MOON.

New Moon,	7th day,	10h. 58.0m. A.	Full Moon,	22d day,	5h. 44.1m. A.
First Quarter,	16th "	0 48.4 M.	Last Quarter,	29th "	0 30.5 A.
Apogee, 8th day, 10h. A.			Perigee, 22d day, 2h. A.		

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	Su.	4 54	7 0	4 56	6 56	5 2	6 53	5 12	6 42	5 17	6 37	5 4	6 51	7 23m
2	M.	53	1	57	57	0	54	11	43	16	38	3	52	8 10
3	Tu.	52	2	55	58	4 59	55	10	43	15	39	2	53	8 54
4	W.	50	3	54	7 0	58	56	9	44	14	39	0	53	9 36
5	Th.	49	4	53	1	57	57	9	45	13	40	4 59	54	10 17
6	F.	48	5	52	2	56	57	8	45	12	41	58	55	10 58
7	S.	47	6	51	3	55	58	7	46	12	41	57	56	11 40
8	Su.	4 46	7 8	4 49	7 4	4 54	6 59	5 6	6 47	5 11	6 42	4 56	6 57	0 23a
9	M.	44	9	48	5	53	7 0	5	47	10	43	55	58	1 9
10	Tu.	43	10	47	6	52	1	4	48	9	43	54	59	1 55
11	W.	42	11	46	7	51	2	3	49	9	44	53	7 0	2 45
12	Th.	41	12	45	8	50	3	3	50	8	45	52	1	3 36
13	F.	40	13	44	9	49	4	2	51	7	45	51	2	4 27
14	S.	39	14	43	10	48	5	1	51	7	46	51	2	5 18
15	Su.	4 38	7 15	4 42	7 11	4 47	7 6	5 1	6 52	5 6	6 46	4 50	7 3	6 8a
16	M.	37	16	41	11	46	7	0	53	5	47	49	4	6 58
17	Tu.	36	17	40	12	45	8	59	53	5	48	48	5	7 47
18	W.	35	18	40	13	44	8	59	54	4	48	47	6	8 36
19	Th.	34	19	39	14	44	9	58	55	3	49	47	6	9 26
20	F.	33	20	38	15	43	10	57	56	3	49	46	7	10 19
21	S.	32	21	37	16	42	11	57	56	3	50	45	8	11 14
22	Su.	4 32	7 22	4 36	7 17	4 41	7 12	4 56	6 57	5 2	6 51	4 44	7 9	8
23	M.	31	23	36	18	41	13	56	58	2	51	44	10	0 14m
24	Tu.	30	24	35	19	40	13	55	58	2	52	43	10	1 16
25	W.	29	25	34	19	39	14	55	59	2	53	43	11	2 20
26	Th.	28	26	34	20	39	15	55	59	1	53	42	12	3 23
27	F.	28	26	33	21	38	16	54	7 0	1	54	42	13	4 22
28	S.	27	27	32	22	38	17	54	1	0	54	41	14	5 17
29	Su.	4 27	7 28	4 32	7 23	4 37	7 17	4 53	7 1	5 0	6 55	4 41	7 14	6 7m
30	M.	26	29	31	23	37	18	53	2	0	55	40	15	6 52
31	Tu.	26	30	31	24	36	19	53	2	4 59	56	40	16	7 35

## Passage of the Meridian (mean time) and Declination of the Planets.

Table of the altitudes of the sun at different hours of the day at different latitudes.														
Lat.	1st day.		7th day.		13th day.		19th day.		25th day.					
	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.				
	h. m.	o	h. m.	o	h. m.	o	h. m.	o	h. m.	o				
10 27m	+	4 14	10 20m	+	5 14	10 20m	+	7 58	10 26m	+	11 6	10 38m	+	14 42
11 45	+	13 41	11 51	+	16 6	11 56	+	17 56	0 5a	+	19 52	0 10a	+	21 30
10 38	+	7 46	10 34	+	9 29	10 27	+	11 8	10 21m	+	12 43	10 14m	+	14 18
11 40a	+	23 36	11 12a	+	24 19	10 44	+	24 48	10 17a	+	25 2	9 51a	+	25 5
11 54	—	3 5	11 25	—	3	10 57	—	3 3	10 29	—	3 9	10 1	—	3 21
2 57m	—	23 43	2 32m	—	23 42	2 6m	—	23 41	1 40m	—	23 39	1 13m	—	23 37
0 34a	+	15 49	0 12a	+	16 2	11 53	+	16 16	11 31	+	16 28	11 12	+	16 40
11 48m	+	14 1	11 26m	+	14 8	11 23	+	14 14	11 43	+	14 20	10 19	+	14 27

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	N York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Verbe Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
S.	2 22m	2 18m	2 14m	2 4m	1 56m	2 16m	4 51m	2 21a	1 29a	4 54a
2	2 52	2 50	2 47	2 37	2 34	2 48	6 14	3 51	2 56	6 28
3	3 18	3 16	3 14	3 8	3 7	3 17	7 40	5 9	4 17	7 42
4	3 40	3 39	3 39	3 36	3 36	3 42	8 52	5 44m	5 22	8 17m
5	4 2	4 2	4 2	4 4	4 4	4 5	9 47	6 39	6 8	9 12
6	4 23	4 25	4 27	4 31	4 34	4 30	10 27	7 19	6 48	9 52
7	sets.	sets.	sets.	sets.	sets.	sets.	11 4	7 56	7 20	10 29
S.	7 41a	7 38a	7 34a	7 22a	7 18a	7 39a	11 36m	8 28m	7 36m	11 1m
9	8 43	8 38	8 35	8 20	8 15	8 39	0 52	9 0	8 8	11 33
10	9 44	9 38	9 32	9 16	9 10	9 36	0 39	9 31	8 39	0 42
11	10 39	10 33	10 27	10 9	10 2	10 30	1 10	10 2	9 10	0 35
12	11 31	11 25	11 19	11 0	10 54	11 22	1 42	10 32	9 42	1 7
13	...	...	...	11 47	11 41	...	2 16	11 8	10 16	1 41
14	0 16m	0 11m	0 5m	...	...	0 6m	2 52	11 44	10 52	2 17
S.	0 55m	0 50m	0 46m	0 31m	0 26m	0 18m	3 37a	0 29a	11 37m	3 22a
16	1 28	1 26	1 22	1 9	1 5	1 24	4 30	1 22	0 30a	3 55
17	1 59	1 56	1 54	1 45	1 42	1 57	5 42	2 32	1 42	5 7
18	2 27	2 25	2 24	2 19	2 18	2 27	7 2	3 54	3 2	6 27
19	2 55	2 54	2 53	2 53	2 54	2 58	7 37m	5 4	4 12	7 37
20	3 21	3 22	3 24	3 27	3 29	3 28	8 15	6 1	5 9	8 34
21	rises.	rises.	rises.	rises.	rises.	rises.	9 35	6 27m	5 56	9 0m
S.	7 13a	7 9a	7 6a	6 52a	6 49a	7 13a	10 22m	7 14m	6 46a	9 47m
23	8 34	8 28	8 23	8 7	8 2	8 29	11 10	8 2	7 33	10 35
24	9 47	9 41	9 35	9 18	9 12	9 40	11 57	8 49	7 57m	11 22
25	10 50	10 44	10 38	10 21	10 14	10 42	0 45a	9 37	8 45	0 10a
26	11 42	11 37	11 31	11 14	11 8	11 34	1 30	10 22	9 30	0 55
27	...	...	...	...	11 56	...	2 21	11 13	10 21	1 46
28	0 23m	0 18m	0 14m	0 1m	...	0 16m	3 13	0 52	11 13	2 38
S.	0 53m	0 52m	0 49m	0 38m	0 34m	0 51m	4 52	1 02	0 52	3 33a
30	1 23	1 20	1 19	1 11	1 9	1 21	5 10	2 2	1 10	4 25
31	1 45	1 45	1 44	1 40	1 39	1 45	6 25	3 17	2 25	5 50

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 17m	9 37a	2 12m	9 44a	2 9m	9 50a	2 8m	9 54a	2 9m	9 55a
N. York,	2 29	9 25	2 25	9 31	2 23	9 37	2 22	9 40	2 23	9 41
Wash'n,	2 41	9 13	2 37	9 19	2 36	9 24	2 35	9 27	2 36	9 28
Charles.,	3 13	8 41	3 10	8 46	3 10	8 50	3 10	8 52	3 11	8 53
N. Orl's,	3 24	8 30	3 23	8 34	3 22	8 38	3 22	8 40	3 23	8 41
S. Fran.,	2 46	9 8	2 43	9 13	2 42	9 18	2 41	9 21	2 42	9 22

PHASES, AND APOGEE AND PERIGEE, OF THE MOON.

New Moon, 6th day, 2h. 54.4m. A. | Full Moon, 21st day, 1h. 2.4m. M.  
 First Quarter, 14th " 10 18.5 M. | Last Quarter, 28th " 1 28.1 M.  
 Apogee, 5th day, 1h. M. | Perigee, 19th day, 11h. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.
1	W.	4 25	7 30	4 30	7 25	4 36	7 19	4 52	7 3	4 59	6 56	4 40	7 17	8 17m
2	Th.	25	31	30	26	36	20	52	3	59	57	39	17	8 56
3	F.	24	32	30	26	35	21	52	4	59	57	39	18	9 39
4	S.	24	32	29	27	35	21	52	5	59	58	38	18	10 21
5	Su.	4 24	7 33	4 29	7 28	4 35	7 22	4 52	7 5	4 58	6 58	4 38	7 19	11 6m
6	M.	23	34	29	28	34	23	51	5	58	59	38	19	11 53
7	Tu.	23	34	29	29	34	23	51	6	58	59	38	20	0 42a
8	W.	23	35	28	29	34	24	51	6	58	7 0	37	20	1 32
9	Th.	23	36	28	30	34	24	51	7	58	0	37	21	2 23
10	F.	22	36	28	31	34	25	51	7	58	1	37	21	3 15
11	S.	22	37	28	31	34	25	51	8	58	1	37	21	4 5
12	Su.	4 23	7 37	4 28	7 31	4 34	7 26	4 51	7 8	4 58	7 1	4 37	7 22	4 53a
13	M.	22	38	28	32	34	26	51	8	58	2	37	22	5 41
14	Tu.	22	38	28	32	34	27	51	9	58	2	37	23	6 29
15	W.	22	38	28	33	34	27	51	9	58	2	37	23	7 17
16	Th.	22	39	28	33	34	27	51	10	58	3	37	23	8 6
17	F.	22	39	28	33	34	27	51	10	59	3	37	24	8 59
18	S.	23	39	28	34	34	28	52	10	59	3	38	24	9 55
19	Su.	4 23	7 40	4 28	7 34	4 34	7 28	4 52	7 11	4 59	7 3	4 38	7 25	10 55a
20	M.	23	40	29	34	34	28	52	11	59	4	38	25	11 56
21	Tu.	23	40	29	34	34	29	52	11	59	4	38	25	8
22	W.	23	40	29	34	35	29	52	11	5 0	4	38	25	1 2m
23	Th.	24	40	29	35	35	29	53	11	0	4	39	26	2 6
24	F.	24	40	30	35	35	29	53	11	0	4	39	26	3 4
25	S.	24	40	30	35	36	29	53	11	0	4	39	26	3 58
26	Su.	4 25	7 40	4 30	7 35	4 36	7 29	4 54	7 12	5 1	7 4	4 39	7 26	4 47m
27	M.	25	40	31	35	37	29	54	12	1	5	40	26	5 31
28	Tu.	25	40	31	35	37	29	54	12	1	5	40	26	6 15
29	W.	26	40	32	35	37	29	55	12	2	5	41	26	6 56
30	Th.	26	40	32	35	38	29	55	12	2	5	41	26	7 37

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
souths. h. m.	Dec. °	souths. h. m.	Dec. °	souths. h. m.	Dec. °	souths. h. m.	Dec. °	souths. h. m.	Dec. °
11 0m	+19 4	11 27m	+22 21	0 38a	+24 7	0 33a	+25 0	1 3a	+24 10
0 18a	+22 56	0 27a	+23 44	0 38a	+24 7	0 45	+24 4	0 53	+23 36
10 7m	+15 52	10 0m	+17 9	9 54m	+18 21	9 48m	+19 26	9 42m	+20 25
9 21a	+24 55	9 4a	+24 35	8 24a	+24 8	7 38a	+23 24	7 28a	+23 54
9 30	+3 40	9 4	+4 2	8 39	+4 21	8 15	+9 0	7 51	+5 34
0 49m	+23 35	0 8m	+23 32	11 44	+23 29	11 17	+23 26	10 60	+23 38
10 48	+16 53	10 28	+17 4	10 7m	+17 14	9 46m	+17 28	9 26m	+17 32
9 53	+14 33	9 30	+14 39	9 8	+14 44	8 45	+14 49	8 23	+14 54

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco-co, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco-co. (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	2 8m	2 8m	2 8m	2 8m	2 8m	2 12m	7 0m	4 23a	3 30a	6 55a
2	2 30	2 30	2 32	2 36	2 38	2 36	8 2	5 28	4 31	7 56
3	2 52	2 53	2 57	3 3	3 6	3 1	8 59	6 18	5 26	8 34m
4	3 15	3 19	3 22	3 32	3 37	3 28	9 50	6 48m	6 9	9 15
S.	3 43m	3 47m	3 51m	4 4m	4 11m	3 58m	10 30m	7 29m	6 50a	9 55m
6	sets.	sets.	sets.	sets.	sets.	sets.	11 8	8 0	7 8m	10 33
7	8 34a	8 29a	8 23a	8 5a	7 59a	8 27a	11 44	8 31	7 41	11 6
8	9 28	9 22	9 16	8 58	8 51	9 19	0 17a	9 9	8 17	11 42
9	10 16	10 10	10 4	9 46	9 40	10 6	0 52	9 44	8 53	0 17a
10	10 56	10 52	10 47	10 31	10 25	10 49	1 25	10 17	9 25	0 50
11	11 31	11 27	11 22	11 9	11 5	11 24	2 1	10 53	10 1	1 26
S.	...	...	11 56a	11 46a	11 43a	11 59a	2 40a	11 32m	10 40m	2 5a
13	0 2m	0 0m	...	...	...	...	3 24	0 16a	11 34	2 49
14	0 30	0 28	0 26m	0 21m	0 18m	0 29m	4 15	1 7	0 17a	3 40
15	0 55	0 54	0 54	0 52	0 51	0 57	5 14	2 6	1 14	4 39
16	1 22	1 22	1 23	1 25	1 26	1 27	6 23	3 15	2 23	5 48
17	1 48	1 51	1 52	1 58	2 1	1 58	7 27	4 19	3 27	6 52
18	2 17	2 21	2 24	2 35	2 40	2 31	8 28	5 20	4 30	7 58
S.	2 50m	2 59m	3 3m	3 17m	3 24m	3 12m	8 57m	6 19a	5 27a	8 22m
20	rises.	rises.	rises.	rises.	rises.	rises.	9 57	7 14	6 22	9 30
21	8 30a	8 24a	8 19a	7 59a	7 54a	8 22a	10 49	7 41m	7 15	10 14
22	9 31	9 25	9 19	9 1	8 54	9 22	11 41	8 33	7 40m	11 6
23	10 16	10 12	10 7	9 52	9 46	10 9	0 32a	9 24	8 32	11 57
24	10 54	10 51	10 46	10 34	10 30	10 49	1 22	10 14	9 22	0 47a
25	11 28	11 22	11 19	11 11	11 8	11 22	2 11	11 3	10 11	1 36
S.	11 50a	11 48a	11 46a	11 41a	11 40a	11 50a	2 59a	11 51m	10 50m	2 24a
27	...	...	...	...	...	...	3 48	0 40a	11 48	3 13
28	0 18m	0 12m	0 13m	0 11m	0 11m	0 15m	4 39	1 31	0 39a	4 4
29	0 35	0 35	0 36	0 39	0 40	0 39	5 33	2 25	1 33	4 58
30	0 55	0 59	1 0	1 5	1 8	1 4	6 38	3 30	2 38	5 3



Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 12m	9 54a	2 19m	9 49a	2 26m	9 44a	2 35m	9 37a	2 44m	9 28a
N. York,	2 26	9 40	2 32	9 36	2 39	9 31	2 46	9 25	2 54	9 18
Wash'n,	2 39	9 27	2 44	9 24	2 51	9 19	2 58	9 14	3 5	9 7
Charles.,	3 13	8 53	3 17	8 51	3 22	8 48	3 27	8 45	3 32	8 40
N. Orl's,	3 25	8 41	3 29	8 39	3 33	8 37	3 37	8 34	3 42	8 30
S. Fran.,	2 45	9 21	2 49	9 19	2 56	9 14	3 3	9 9	3 10	9 2

PHASES, AND APOGEE AND PERIGEE, OF THE MOON.

New Moon, 6th day, 5h. 45.5m. M. | Full Moon, 20th day, 8h. 45.8m. M.  
 First Quarter, 13th " 5 7.2 A. | Last Quarter, 27th " 4 52.1 A.  
 Apogee, 2d day, 11h. M. | Perigee, 18th day, 3h. M. | Apogee, 30th day, 3h. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.														Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.				
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.			
1	F.	4 27	7 40	4 32	7 35	4 38	7 29	4 55	7 12	5 2	7 5	4 41	7 26		h. m.	
2	S.	27	40	33	34	39	29	56	12	3	5	42	26		8 19m	
3	Su.	4 28	7 40	4 33	7 34	4 39	7 29	4 56	7 12	5 3	7 5	4 42	7 25		9 49m	
4	M.	29	39	34	34	40	28	57	11	4	5	43	25		10 38	
5	Tu.	29	39	35	34	40	28	57	11	4	5	43	25		11 28	
6	W.	29	39	36	33	41	28	58	11	5	4	44	25		0 19a	
7	Th.	30	38	36	33	41	28	58	11	5	4	44	24		1 11	
8	F.	31	38	37	33	42	27	59	11	5	4	45	24		2 2	
9	S.	32	38	38	32	43	27	59	10	6	4	46	23		2 51	
10	Su.	4 33	7 37	4 38	7 32	4 43	7 26	4 59	7 10	5 6	7 4	4 46	7 23		3 39a	
11	M.	33	37	39	32	44	26	5 0	10	7	4	47	23		4 26	
12	Tu.	34	36	39	31	45	26	1	9	7	3	48	22		5 13	
13	W.	35	36	40	31	45	25	1	9	8	3	48	22		6 0	
14	Th.	36	35	41	30	46	24	2	9	9	2	49	21		6 50	
15	F.	37	34	42	29	47	24	3	8	9	2	50	21		7 43	
16	S.	38	34	42	29	48	23	3	8	10	2	51	20		8 40	
17	Su.	4 38	7 33	4 43	7 28	4 48	7 23	5 4	7 8	5 10	7 1	4 52	20		9 40a	
18	M.	39	32	44	28	49	22	5	7	11	1	52	19		10 42	
19	Tu.	40	32	45	27	50	22	5	7	11	0	53	19		11 46	
20	W.	41	31	46	26	51	21	6	6	12	0	54	18		8	
21	Th.	42	30	47	25	52	20	7	5	12	6 59	55	17		0 47m	
22	F.	43	29	47	24	52	19	7	5	13	59	56	16		1 43	
23	S.	44	28	48	24	53	19	8	4	13	58	56	16		2 35	
24	Su.	4 45	7 27	4 49	7 23	4 54	7 18	5 8	7 4	5 14	6 58	4 57	7 15		3 24m	
25	M.	46	26	50	22	55	17	9	3	15	57	58	14		4 9	
26	Tu.	47	25	51	21	56	16	10	2	15	57	59	13		4 51	
27	W.	48	24	52	20	57	15	10	2	16	56	5 0	12		5 33	
28	Th.	49	23	53	19	57	14	11	1	16	55	0	12		6 15	
29	F.	50	22	54	18	58	13	12	0	17	55	1	11		6 59	
30	S.	51	21	55	17	59	12	12	6 59	17	54	2	10		7 44	
31	Su.	1 52	7 20	4 56	7 16	5 0	7 12	5 13	6 58	5 18	5 53	5 3	7 9		8 31m	

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.
h. m.	o. ' "	h. m.	o. ' "	h. m.	o. ' "	h. m.	o. ' "	h. m.	o. ' "
1 26a	+22 8	1 43a	+19 19	1 52a	+16 10	1 54a	+12 69	1 48a	+10 4
1 1	+22 42	1 9	+21 25	1 16	+19 46	1 22	+17 47	1 28	+15 30
9 36m	+21 16	9 31m	+22 0	9 25m	+22 36	9 19m	+23 5	9 13m	+23 27
				.					
5 42a	+23 10	5 24a	+21 22	5 6a	+20 32				
7 29	+6 11	7 7	+6 51	6 46	+7 32	6 26a	+8 18	6 6a	+9 4
10 24	+22 21	9 58	+22 18	9 32	+22 16	9 6	+22 14	8 41	+22 18
9 4m	+17 41	8 43m	+17 49	8 22m	+17 55	8 1m	+18 2	7 39m	+18 8
8 0	+14 58	7 37	+15 2	7 14	+15 5	6 51	+15 7	6 28	+15 10

Days of Month.	Moon rises or sets. Mean Time.							High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.		Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.		h. m.	h. m.	h. m.	h. m.
1	1 19m	1 22m	1 25m	1 35m	1 39m	1 31m		7 5m	4 24a	3 34a	6 59a
2	1 46	1 50	1 56	2 6	2 12	2 0		8 6	5 27	4 35	8 0
S.	2 15m	2 21m	2 25m	2 41m	2 47m	2 33m		9 4m	6 23a	5 31a	8 29m
4	2 50	2 56	3 3	3 20	3 28	3 21		9 56	7 10	6 18	9 21
5	sets.	sets.	sets.	sets.	sets.	sets.		10 39	7 54	7 2	10 4
6	8 13a	8 7a	8 1a	7 43a	7 37a	8 3a		11 21	8 13m	7 21m	10 46
7	8 37	8 52	8 46	8 29	8 23	8 48		11 57	8 49	7 57	11 22
8	9 34	9 29	9 25	9 11	9 6	9 27		0 34a	9 26	8 34	11 59a
9	10 6	10 2	9 59	9 48	9 44	10 1		1 12	10 2	9 2	0 33
S.	10 34a	10 32a	10 29a	10 23a	10 20a	10 33a		1 48a	10 40m	9 48m	1 13a
11	11 0	10 58	10 58	10 54	10 53	11 1		2 27	11 19	10 27	1 22
12	11 23	11 24	11 24	11 25	11 26	11 30		3 10	0 2a	11 10	2 35
13	11 51	11 52	11 54	11 58	...	11 59		3 54	0 46	11 54	3 19
14	...	...	...	...	0 0m	...		4 47	1 39	0 47a	4 12
15	0 18m	0 20m	0 24m	0 31m	0 36	0 29m		5 43	2 35	1 43	5 8
16	0 50	0 54	0 58	1 11	1 17	1 6		6 50	3 42	2 50	6 15
S.	1 29m	1 34m	1 41m	1 56m	2 3m	1 48m		7 53a	4 45a	3 53a	7 18a
18	2 16	2 23	2 29	2 48	2 57	2 39		8 31m	5 57	5 5	7 56m
19	rises.	rises.	rises.	rises.	rises.	rises.		9 39	7 3	6 11	9 4
20	8 7a	8 2a	7 56a	7 39a	7 33a	7 58a		10 40	7 59	7 7	10 5
21	8 48	8 43	8 40	8 26	8 21	8 42		11 34	8 26m	7 34m	10 59
22	9 21	9 19	9 15	9 5	9 1	9 18		0 21a	9 18	8 26	11 51
23	9 50	9 48	9 46	9 40	9 38	9 48		1 12	10 4	9 12	0 37a
S.	10 14a	10 14a	10 18a	10 10a	10 9a	10 16m		1 55a	10 47m	9 55m	1 20a
25	10 37	10 37	10 37	10 39	10 39	10 41		2 36	11 28	10 36	2 1
26	10 59	11 1	11 3	11 6	11 9	11 6		3 18	0 10a	11 18	2 43
27	11 22	11 24	11 27	11 35	11 39	11 32		4 0	0 52	12 0	3 25
28	11 46	11 51	11 54	...	...	...		4 41	1 33	0 41a	4 6
29	...	...	...	0 5m	0 11m	0 0m		5 30	2 23	1 30	4 55
30	0 14m	0 20m	0 24m	0 39	0 46	0 32		6 33	3 25	2 33	5 58
S.	0 48m	0 54m	1 0m	1 17m	1 24m	1 8m		7 15a	4 30a	3 38a	7 3a

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 55m	9 17a	3 5m	9 5a	3 15m	8 53a	3 24m	8 42a	3 34m	8 30a
N. York,	3 4	9 8	3 14	8 56	3 23	8 45	3 32	8 34	3 40	8 24
Wash'n,	3 14	8 58	3 22	8 48	3 30	8 38	3 38	8 28	3 46	8 18
Charles.,	3 39	8 33	3 45	8 25	3 50	8 18	3 56	8 10	4 2	8 2
N. Orl's,	3 48	8 24	3 54	8 16	3 59	8 9	4 4	8 2	4 8	7 56
S. Fran.,	3 18	8 54	3 26	8 44	3 33	8 35	3 41	8 25	3 49	8 15

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

New Moon,	4th day,	6h. 47.3m A.	Full Moon,	18th day,	5h. 46.8m. A.
First Quarter,	11th	10 31.2 A.	Last Quarter,	26th	10 29.5 M.
Perigee,	14th day,	2h. A.	Apogee,	26th day,	9h. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	M.	4 53	7 19	4 57	7 16	5 1	7 11	5 14	6 57	5 19	6 53	5 4	7 8	9 21m
2	Tu.	54	18	58	14	2	9	14	57	20	52	4	7	10 12
3	W.	55	16	59	13	3	8	15	56	20	51	5	6	11 4
4	Th.	56	15	5 0	12	4	7	16	55	21	50	6	5	11 56
5	F.	57	14	1	10	5	6	16	54	21	50	7	4	0 47a
6	S.	58	13	2	9	5	5	17	53	22	49	8	3	1 36
7	Su.	4 59	7 11	5 2	7 8	5 6	7 4	5 18	6 52	5 22	6 48	5 8	7 1	2 24a
8	M.	5 0	10	3	7	7	3	19	52	23	47	9	0	3 11
9	Tu.	1	9	4	5	8	2	19	51	24	46	10	6 59	3 58
10	W.	2	7	5	4	9	0	20	50	24	45	11	58	4 47
11	Th.	3	6	6	3	10	6 59	21	49	25	44	12	57	5 38
12	F.	4	4	7	1	11	58	21	48	26	43	13	55	6 32
13	S.	5	3	8	0	12	56	22	47	26	42	14	54	7 29
14	Su.	5 6	7 2	5 9	6 59	5 13	6 55	5 23	6 45	5 27	6 41	5 15	6 53	8 30a
15	M.	7	0	10	57	14	54	24	44	27	40	16	52	9 31
16	Tu.	8	6 59	11	56	15	53	24	43	28	39	17	51	10 32
17	W.	10	57	12	54	15	51	25	42	29	38	17	49	11 30
18	Th.	11	56	13	53	16	50	26	41	29	37	18	48	8
19	F.	12	54	14	51	17	49	26	40	30	36	19	47	0 24m
20	S.	13	53	15	50	18	47	27	39	30	35	20	46	1 14
21	Su.	5 14	6 51	5 16	6 48	5 19	6 46	5 27	6 38	5 31	6 34	5 21	6 44	2 0m
22	M.	15	50	17	47	20	44	28	36	32	33	22	43	2 44
23	Tu.	16	48	18	45	21	43	29	35	32	32	23	41	3 27
24	W.	17	46	19	44	22	42	30	34	33	31	24	40	4 10
25	Th.	18	45	20	42	23	40	30	33	33	30	25	39	4 53
26	F.	19	43	21	41	24	39	31	32	34	29	26	37	5 38
27	S.	20	41	22	39	25	38	31	30	34	28	26	36	6 24
28	Su.	5 21	6 40	5 23	6 38	5 26	6 36	5 32	6 29	5 35	6 26	5 27	6 34	7 13m
29	M.	22	38	24	36	26	34	33	28	35	25	28	33	8 3
30	Tu.	23	37	25	35	27	33	33	27	36	24	29	32	8 55
31	W.	24	35	26	33	28	31	34	25	36	23	30	30	9 47

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	south.	Dec.	south.	Dec.	south.	Dec.	south.	Dec.	south.	Dec.
	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.
1	32a	7 33	1 6a	6 41	0 30a	7 25	11 47m	10 5	11 12m	12 36
2	33	12 33	1 37	9 48	1 41	6 53	1 44a	3 52	1 47a	0 48
3	6m	23 48	8 50m	23 48	8 53m	23 47	8 47m	23 39	8 40m	23 24
4										
5	8 12a	23 12	7 48	23 13	7 44a	23 13	7 12	23 15	6 30a	23 16
6	7 14m	18 13	6 52	18 17	6 30m	18 20	6 8m	18 23	5 45m	18 25
7	6 1	15 12	5 38	15 13	5 14	15 10	4 51	15 13	4 27	15 13

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco co, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco co (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	1 27m	1 34m	1 40m	1 50m	2 8m	1 50m	8 14m	8 40a	4 48a	7 39m
2	2 15	2 21	2 28	2 48	2 57	2 39	9 23	6 43	5 51	8 48
3	3 9	3 15	3 22	3 41	3 51	3 33	10 11	7 30	6 38	9 41
4	sets.	sets.	sets.	sets.	sets.	sets.	11 23	7 54m	7 23	10 27
5	8 33	8 42	8 02	7 48a	7 44a	8 22	11 40a	8 32	7 41m	11 5
6	8 37	8 35	8 33	8 24	8 21	8 35	0 27	9 12	8 20	11 45
7										
8	9 42	9 32	9 12	8 56a	8 56a	9 52	0 56a	9 48m	8 56m	0 21a
9	9 29	9 29	9 29	9 28	9 29	9 33	1 30	10 22	9 30	0 55
10	9 54	9 55	9 55	9 56	10 2	10 0	2 7	10 59	10 7	1 32
11	10 19	10 21	10 25	10 32	10 36	10 31	2 47	11 39	10 47	2 12
12	10 50	10 53	10 56	11 9	11 15	11 5	3 29	0 21a	11 29	2 54
13	11 25	11 29	11 35	11 51	11 57	11 44	4 14	1 6	0 14a	3 39
14	...	...	...	...	...	...	5 8	2 0	1 8	4 33
15	0 8m	0 16m	0 20m	0 39m	0 47m	0 31m	6 18a	3 32	2 16a	5 41a
16	1 0	1 7	1 14	1 34	1 42	1 26	7 37	4 29	3 27	7 2
17	2 3	2 10	2 17	2 36	2 45	2 29	8 19m	5 51	4 59	8 24
18	rises.	rises.	rises.	rises.	rises.	rises.	9 35	7 0	6 8	9 0m
19	7 19a	7 16a	7 11a	6 59a	6 56a	7 13a	10 38	7 30m	7 5	10 3
20	7 49	7 45	7 45	7 36	7 33	7 47	11 30	8 22	7 30m	10 55
21	8 15	8 14	8 13	8 8	8 8	8 16	0 15a	9 7	8 15	11 40
22										
23	8 30a	8 30a	8 30a	8 30a	8 30a	8 41a	0 57a	9 49m	8 57m	0 22a
24	9 0	9 2	9 3	9 6	9 8	9 6	1 23	10 25	9 23	0 58
25	9 24	9 26	9 29	9 35	9 38	9 33	2 8	11 0	10 8	1 23
26	9 48	9 52	9 55	10 5	10 10	10 0	2 43	11 34	10 42	2 7
27	10 15	10 19	10 24	10 37	10 43	10 30	3 16	0 8a	11 16	2 41
28	10 46	10 50	10 56	11 13	11 19	11 4	3 52	0 44	11 52	3 17
29	11 22	11 26	11 34	11 52	...	11 44	4 32	1 24	0 32a	3 57
30	...	...	...	...	0 1m	...	5 26a	2 18a	1 26a	4 51a
31	0 6m	0 12m	0 19m	0 39m	0 48	0 30m	6 45	3 37	2 45	6 10
	0 58	1 4	1 11	1 31	1 40	1 22	8 6	4 56	4 6	7 31
	1 56	2 3	2 9	2 27	2 36	2 20	8 46m	6 14	5 22	8 11m

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	3 44m	8 16a	3 51m	8 4a	3 59m	7 52a	4 7m	7 40a	4 16m	7 28a
N. York,	3 49	8 11	3 56	8 0	4 3	7 49	4 10	7 37	4 18	7 26
Wash'n,	3 54	8 6	4 0	7 56	4 7	7 45	4 14	7 34	4 21	7 23
Charles.,	4 8	7 52	4 12	7 43	4 17	7 34	4 22	7 25	4 28	7 16
N. Orl's,	4 14	7 46	4 17	7 39	4 21	7 31	4 25	7 22	4 30	7 14
S. Fran.,	3 56	8 4	4 2	7 54	4 9	7 43	4 15	7 33	4 22	7 22

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

New Moon,	3d day, 6h. 33.4m. M.	Full Moon,	17th day, 5h. 3.4m. M.
First Quarter,	10th " 3 49.6 M.	Last Quarter,	25th " 5 24.7 M.
Perigee,	8th day, 2h. A.	Apogee,	23d day, 4h. A.

Sun's upper limb rises and sets (cor. for refr.) Mean Time.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francis- co, &c.,		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.
1	Th.	5 25	6 33	5 27	6 31	5 29	6 29	5 35	6 24	5 37	6 22	5 30	6 29	10 39m
2	F.	26	31	28	30	30	28	35	23	37	21	31	27	11 29
3	S.	27	30	29	29	31	26	36	21	38	19	32	26	0 18a
4	Su.	5 29	6 28	5 30	6 26	5 32	6 25	5 37	6 20	5 39	6 18	5 33	6 24	1 6a
5	M.	30	26	31	25	33	23	37	19	39	17	34	23	1 54
6	Tu.	31	24	32	23	34	22	38	17	40	16	34	21	2 44
7	W.	32	23	33	22	35	20	38	16	40	14	35	20	3 34
8	Th.	33	21	34	20	35	19	39	15	41	13	36	18	4 28
9	F.	34	19	35	18	36	17	40	13	41	12	37	16	5 24
10	S.	35	18	36	16	37	15	40	12	42	11	38	15	6 23
11	Su.	5 36	6 16	5 37	6 15	5 38	6 14	5 41	6 11	5 42	6 10	5 38	6 13	7 24a
12	M.	37	14	38	13	39	12	42	9	43	8	39	12	8 23
13	Tu.	38	12	39	12	40	11	43	8	44	7	40	10	9 21
14	W.	39	11	40	10	41	9	43	7	44	6	41	8	10 15
15	Th.	40	9	41	8	42	8	44	5	45	5	42	7	11 5
16	F.	41	7	42	7	42	6	44	4	45	3	42	5	11 53
17	S.	42	5	43	5	43	4	45	3	45	2	43	4	0
18	Su.	5 43	6 3	5 44	6 3	5 44	6 3	5 46	6 2	5 46	6 1	5 44	6 2	0 37m
19	M.	44	2	45	1	45	1	46	0	46	0	45	1	1 21
20	Tu.	46	0	46	0	46	0	47	5 59	47	5 59	46	5 59	2 4
21	W.	47	5 58	47	5 58	47	5 58	48	56	48	57	47	58	2 47
22	Th.	48	56	48	56	48	57	48	56	48	56	48	56	3 31
23	F.	49	55	49	55	49	55	49	55	49	55	49	55	4 17
24	S.	50	53	50	53	50	53	50	53	49	54	50	53	5 5
25	Su.	5 51	5 51	5 51	5 51	5 51	5 51	5 50	5 52	5 50	5 52	5 51	5 52	5 54m
26	M.	52	49	52	50	52	50	51	51	51	51	51	50	6 45
27	Tu.	53	48	53	48	52	48	52	49	51	50	52	49	7 37
28	W.	54	46	54	46	53	47	52	48	52	49	53	47	8 28
29	Th.	55	44	55	45	54	45	53	47	52	47	54	45	9 19
30	F.	56	43	56	43	55	43	54	45	53	46	55	44	10 8

### Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.
h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.
10 51m	+13 52	10 54m	+13 47	11 7m	+9 59	11 24m	+5 58	11 41m	+1 5
1 49a	-2 50	1 52a	-5 55	1 55a	-8 55	1 59a	-11 50	2 3a	-14 35
8 32m	+23 59	8 24m	+23 32	8 16m	+23 0	8 8m	+21 22	8 0m	+20 41
6 13a	-23 21	5 51a	-22 25	5 30a	-22 29	5 9a	-22 34	4 48a	-22 39
5 18m	+18 26	4 55m	+18 26	4 32m	+18 25	4 8m	+18 23	3 44m	+18 21
3 59	+15 11	3 36	+15 10	3 12	+15 8	2 47	+15 5	2 23m	+15 3

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Yorba Buena).
1	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
2	3 0m	3 6m	3 12m	3 28m	3 35m	3 23m	9 51m	6 43m	6 16a	9 16m
3	sets. 7 7a	sets. 7 5a	sets. 7 2a	sets. 6 56a	sets. 6 58a	sets. 7 5a	10 40	7 32	7 1	10 5
S.	7 31a	7 30a	7 30a	7 28a	7 28a	7 34a	11 58m	8 50m	7 58m	11 23m
5	7 57	7 59	7 59	8 1	8 3	8 3	0 32a	9 24	8 32	11 57
6	8 23	8 26	8 28	8 34	8 37	8 33	1 8	10 0	9 8	0 33a
7	8 59	8 56	8 59	9 10	9 15	9 6	1 45	10 37	9 45	1 10
8	9 25	9 30	9 34	9 50	9 56	9 42	2 22	11 14	10 22	1 47
9	10 6	10 11	10 17	10 35	10 43	10 26	3 2	11 54	11 2	2 27
10	10 55	11 2	11 8	11 27	11 36	11 19	3 47	0 39a	11 47	3 12
S.	11 52a	11 59a	...	...	...	...	4 42a	1 34a	0 42a	4 7a
12	...	...	0 5m	0 25m	0 34m	0 17m	5 58	2 50	1 56	5 23
13	0 57m	1 4m	1 11	1 29	1 38	1 22	7 28	4 26	3 28	6 53
14	2 8	2 14	2 19	2 35	2 43	2 30	8 8m	5 52	5 0	7 43m
15	3 19	3 24	3 28	3 41	3 48	3 39	9 36	6 58	6 6	9 1
16	rises. 6 40a	rises. 6 39a	rises. 6 39a	rises. 6 37a	rises. 6 36a	rises. 6 42a	10 32	7 24m	6 57	9 57
17	6 40a	6 39a	6 39a	6 37a	6 36a	6 42a	11 18	8 10	7 18m	10 43
S.	7 3a	7 4a	7 4a	7 6a	7 7a	7 8a	11 57m	8 49m	7 57m	11 22m
19	7 26	7 27	7 30	7 34	7 37	7 33	0 31a	9 23	8 31	11 56
20	7 50	7 52	7 56	8 4	8 8	8 1	1 4	9 56	9 4	0 29a
21	8 16	8 18	8 23	8 35	8 41	8 28	1 36	10 28	9 36	1 1
22	8 43	8 49	8 53	9 9	9 15	9 0	2 6	10 58	10 6	1 31
23	9 17	9 23	9 29	9 46	9 55	9 37	2 37	11 29	10 37	2 2
24	9 56	10 4	10 11	10 31	10 40	10 21	3 11	0 3a	11 11	2 36
S.	10 47a	10 53a	11 0a	11 21a	11 31a	11 11a	3 49a	0 41a	11 49m	3 14a
26	11 42	11 48	11 55	...	...	...	4 39	1 31	0 39a	4 4
27	...	...	...	0 14m	0 23m	0 6m	5 57	2 49	1 57	5 22
28	0 43m	0 49m	0 54m	1 11	1 20	1 5	7 27	4 19	3 27	6 52
29	1 49	1 54	1 59	2 13	2 20	2 9	8 10m	5 42	4 50	7 35m
30	2 58	3 1	3 4	3 16	3 22	3 15	9 24	6 41	5 49	8 49

Twilight begins and ends. Mean Time.

	1st Day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	4 22m	7 17a	4 30m	7 6a	4 37m	6 58a	4 44m	6 46a	4 50m	6 38a
N. York,	4 26	7 15	4 32	7 4	4 38	6 54	4 44	6 46	4 50	6 38
Wash'n,	4 27	7 13	4 33	7 3	4 38	6 54	4 44	6 46	4 50	6 38
Charles.,	4 28	7 8	4 36	7 0	4 40	6 52	4 45	6 45	4 49	6 38
N. Orl's,	4 34	7 6	4 37	6 58	4 41	6 51	4 45	6 45	4 48	6 40
S. Fran.,	4 28	7 12	4 34	7 2	4 38	6 54	4 44	6 46	4 50	6 38

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

New Moon, 2d day, 5h. 9.7m. A. | Full Moon, 18th day, 7h. 22.1m. A.  
 First Quarter, 9th " 10 17.5 M. | Last Quarter, 25th " 0 11.7 M.

Perigee, 5th day, 11h. M.

Apogee, 21st day, 10h. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets. (cor. for refr.) Mean Time.												Moon South. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francisco, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	S.	5 58	5 41	5 57	5 41	5 56	5 42	5 54	5 44	5 53	5 45	5 56	5 42	10 56m
2	Su.	5 59	5 39	5 58	5 40	5 57	5 40	5 55	5 43	5 53	5 44	5 57	5 41	11 46m
3	M.	6 0	5 37	6 0	5 36	5 58	5 39	5 56	5 42	5 54	5 43	5 58	5 39	0 36a
4	Tu.	1	36	6 0	5 37	5 59	5 37	5 56	5 40	5 55	5 41	5 59	5 38	1 27
5	W.	2	34	1	35	6 0	5 36	5 57	5 39	5 56	5 40	6 0	5 36	2 21
6	Th.	3	32	2	33	1	34	5 58	5 38	5 56	5 39	0	35	3 18
7	F.	4	31	3	32	2	33	5 59	5 36	5 57	5 38	1	33	4 17
8	S.	5	29	4	30	3	31	6 0	5 35	5 58	5 37	2	32	5 18
9	Su.	6 7	5 27	5 5	5 28	6 4	5 30	6 0	5 34	5 58	5 35	3	31	6 18a
10	M.	8	25	6	27	6	28	1	33	5 59	5 34	4	29	7 17
11	Tu.	9	24	7	25	8	27	2	31	6 0	5 33	5	28	8 11
12	W.	10	22	8	24	7	25	2	30	0	5 32	6	26	9 1
13	Th.	11	21	9	23	8	24	3	29	1	5 31	7	25	9 50
14	F.	12	19	11	21	9	22	4	28	2	5 30	8	24	10 33
15	S.	14	17	12	19	10	21	5	26	2	5 29	9	22	11 16
16	Su.	6 15	5 16	6 13	5 18	6 11	5 20	6 5	5 25	6 3	5 28	6 10	5 21	11 59a
17	M.	16	14	14	16	12	18	6	24	4	5 27	11	19	8
18	Tu.	17	13	15	15	13	17	7	23	4	5 26	12	18	0 49m
19	W.	18	11	16	13	14	15	8	22	5	5 25	13	17	1 26
20	Th.	19	10	17	12	15	14	8	21	5	5 24	14	15	2 11
21	F.	21	8	18	10	16	13	9	20	6	5 23	15	14	2 56
22	S.	22	7	19	9	17	11	10	19	7	5 22	16	12	3 47
23	Su.	6 23	5 5	6 20	5 8	6 18	5 10	6 11	5 18	6 8	5 21	6 17	5 11	4 37m
24	M.	24	4	22	6	19	9	11	17	8	5 20	18	10	5 28
25	Tu.	25	2	23	5	20	7	12	15	9	5 19	19	9	6 18
26	W.	26	1	24	3	21	6	13	14	10	5 18	20	7	7 7
27	Th.	28	0	25	2	22	5	14	13	11	5 17	21	6	7 56
28	F.	29	4 56	26	1	24	4	15	12	11	5 16	22	5	8 45
29	S.	30	57	27	0	25	3	16	12	12	5 15	23	4	9 33
30	Su.	6 32	4 55	6 29	4 58	6 26	5 1	6 16	5 11	6 13	5 14	6 24	5 3	10 23m
31	M.	33	54	30	57	27	0	17	10	14	5 13	25	2	11 12

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
souths. h. m.	Dec. ° ' "	souths. h. m.	Dec. ° ' "	souths. h. m.	Dec. ° ' "	souths. h. m.	Dec. ° ' "	souths. h. m.	Dec. ° ' "
11 56m	— 2 50	0 10a	— 7 21	0 22a	— 11 34	0 33a	— 15 22	0 45a	— 18 43
2 7a	— 14 8	2 12	— 19 26	2 18	— 21 28	2 24	— 23 9	2 31	— 24 29
7 51m	+ 19 56	7 43m	+ 19 8	7 52m	+ 18 17	7 22m	+ 17 25	7 12m	+ 16 31
4 26a	— 23 44	4 8a	— 23 49	3 49a	— 23 56	3 29a	— 23 0	3 10a	— 23 4
3 20m	+ 18 18	2 56m	+ 18 15	2 31m	+ 18 10	2 6m	+ 18 6	1 41m	+ 18 0
1 59	+ 14 58	1 34	+ 14 54	1 10	+ 14 50	0 46	+ 14 46	0 21	+ 14 42

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Yerba Buena).
	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	h. m.	h. m.	h. m.	h. m.
1	4 7m	4 10m	4 13m	4 20m	4 24m	4 23m	10 11m	7 3m	6 31a	9 36m
S.	sets.	sets.	sets.	sets.	sets.	sets.	10 53m	7 45m	6 53m	10 38m
3	6 24a	6 26a	6 28a	6 32a	6 34a	6 33a	11 28	8 20	7 28	10 53
4	6 58	6 56	6 58	7 7	7 12	7 4	0 4a	8 56	8 4	11 29
5	7 25	7 29	7 33	7 47	7 52	7 41	0 42	9 34	8 42	0 7a
6	8 4	8 9	8 14	8 32	8 40	8 23	1 20	10 12	9 20	0 45
7	8 51	8 56	9 3	9 22	9 31	9 14	1 59	10 51	9 59	1 24
8	9 45	9 51	9 59	10 19	10 28	10 11	2 42	11 34	10 42	2 7
S.	10 49a	10 56a	11 2a	11 23a	11 32a	11 15a	3 30a	0 22a	11 30m	2 55a
10	11 58	...	...	...	...	...	4 30	1 22	0 30a	3 55
11	...	0 4m	0 10m	0 27m	0 36m	0 22m	5 52	2 44	1 52	5 17
12	1 9m	1 13	1 18	1 32	1 39	1 29	7 30	4 22	3 30	6 55
13	2 19	2 22	2 26	2 37	2 42	2 36	8 17m	5 47	4 55	7 42m
14	3 27	3 29	3 32	3 37	3 41	3 39	9 26	6 43	5 51	8 51
15	4 31	4 33	4 34	4 37	4 40	4 42	10 14	7 28	6 36	9 39
S.	rises.	rises.	rises.	rises.	rises.	rises.	10 55m	7 47m	6 55m	10 20m
17	5 52a	5 54a	5 57a	6 4a	6 7a	6 1a	11 29	8 21	7 29	10 54
18	6 15	6 19	6 22	6 34	6 38	6 29	0 2a	8 54	8 2	11 27
19	6 43	6 47	6 53	7 6	7 12	6 59	0 36	9 28	8 36	0 1a
20	7 15	7 20	7 27	7 44	7 51	7 34	1 5	9 57	9 5	0 30
21	7 52	7 59	8 5	8 24	8 33	8 15	1 35	10 27	9 35	1 0
22	8 37	8 43	8 51	9 11	9 20	9 0	2 5	10 57	10 5	1 30
S.	9 29a	9 35a	9 42a	11 3a	10 12a	9 52a	2 38a	11 30m	10 35m	2 3a
24	10 27	10 33	10 39	10 58	11 7	10 50	3 18	0 10a	11 18	2 43
25	11 30	11 35	11 41	11 57	...	11 52	4 4	0 56	0 42	3 29
26	...	...	...	...	0 4m	...	5 5	2 7	1 15	4 40
27	0 36m	0 40m	0 44m	0 57m	1 5	0 56m	6 43	3 35	2 43	5 6
28	1 45	1 48	1 52	2 1	2 6	2 2	7 20m	4 58	4 6	7 31
29	2 56	2 58	3 0	3 4	3 9	3 9	8 40	6 2	5 10	8 5m
S.	4 7m	4 8m	4 8m	4 9m	4 11m	4 17m	9 35m	6 49a	5 57a	9 0m
31	5 22	5 20	5 20	5 16	5 17	5 29	10 17	7 30	6 38	9 42



Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	4 58m	6 30a	5 51m	6 23a	6 11m	6 18	6 17m	6 14a	5 29m	6 11m
N. York,	4 57	6 31	5 4	6 24	5 10	6 19	5 15	6 16	5 21	6 13
Wash'n,	4 57	6 31	5 3	6 25	5 8	6 21	5 13	6 18	5 19	6 15
Charles.,	4 54	6 34	4 59	6 29	5 3	6 25	5 7	6 23	5 13	6 22
N. Orl's,	4 58	6 35	4 55	6 31	5 1	6 28	5 5	6 26	5 9	6 25
S. Fran.,	4 56	6 33	5 2	6 26	5 7	6 22	5 12	6 19	5 18	6 16

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

New Moon,	1st day,	3h. 36.7m. M.	Last Quarter,	23d day,	5h. 26.9m. A.
First Quarter,	7th "	7 2.3 A.	New Moon,	30th "	2 4.9 A.
Full Moon,	15th "	0 51.9 A.			
Perigee, 2d day, 1h. A.			Apogee, 17th day, 9h. A.		

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon South. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francisco, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	
1	Tu.	6 34	4 52	6 31	4 56	6 28	4 59	6 18	5 9	6 14	5 18	6 26	5 1	0 53
2	W.	35	52	32	55	29	58	19	8	15	12	37	0	1 4
3	Th.	36	50	33	54	30	57	20	7	16	11	38	4 59	2 4
4	F.	38	49	35	52	31	56	21	6	17	10	39	38	3 7
5	S.	39	48	36	51	32	55	22	6	18	10	30	37	4 10
6	Su.	6 40	4 47	6 37	4 50	6 34	4 54	6 23	5 5	6 18	5 9	6 31	4 56	5 103
7	M.	42	46	38	49	35	53	24	4	19	8	32	55	6 7
8	Tu.	43	45	39	48	36	52	25	3	20	8	33	54	6 59
9	W.	44	44	41	47	37	51	26	2	21	7	34	53	7 48
10	Th.	45	43	42	46	38	50	26	1	21	7	36	53	8 33
11	F.	47	41	43	45	39	49	27	1	22	6	37	52	9 15
12	S.	48	40	44	44	40	48	28	0	23	5	38	51	9 57
13	Su.	6 49	4 40	6 45	4 43	6 41	4 47	6 29	5 0	6 24	5 5	6 39	4 50	10 39a
14	M.	51	39	46	43	42	47	30	4 59	25	4	40	49	11 22
15	Tu.	52	38	48	42	44	46	31	59	26	4	41	49	2
16	W.	53	37	49	41	45	45	32	58	26	4	42	48	0 7m
17	Th.	54	36	50	40	46	45	33	58	27	3	43	47	0 58
18	F.	55	35	51	40	47	44	34	57	28	3	44	47	1 42
19	S.	57	35	53	39	48	43	35	57	29	2	45	46	2 32
20	Su.	6 58	4 34	6 54	4 38	6 49	4 43	6 36	4 56	6 30	5 2	6 46	4 45	3 23m
21	M.	59	33	55	38	50	42	36	56	31	2	47	45	4 12
22	Tu.	7 0	33	56	37	51	42	37	56	32	1	48	44	5 2
23	W.	2	32	57	37	52	41	38	55	32	1	49	44	5 49
24	Th.	3	32	58	36	54	41	39	55	33	1	50	43	6 36
25	F.	4	31	59	36	54	40	40	55	34	1	51	43	7 23
26	S.	5	31	7 0	35	55	40	41	54	35	1	52	42	8 9
27	Su.	7 6	4 30	7 1	4 35	6 56	4 39	6 42	4 54	6 36	5 0	6 53	4 42	8 58m
28	M.	7	30	2	35	57	39	42	54	37	0	54	42	9 49
29	Tu.	8	29	3	34	58	39	43	54	37	0	55	42	10 44
30	W.	9	29	4	34	59	39	44	54	38	0	56	41	11 43

### Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
south. h. m.	Dec. ° ' "	south. h. m.	Dec. ° ' "	south. h. m.	Dec. ° ' "	south. h. m.	Dec. ° ' "	south. h. m.	Dec. ° ' "
0 58a	-21 52	1 32a	-23 52	1 16a	-25 4	1 17a	-25 23	1 32a	-24 38
2 40	-25 30	2 47	-25 58	2 49	-25 50	3 1	-25 34	3 7	-24 45
6 59m	+15 27	6 47m	+14 38	6 25m	+13 39	6 22m	+12 47	6 9m	+11 67
								6 15	+12 51
2 49a	-23 9	2 30a	-23 13	2 12a	-23 16	1 54a	-23 20	1 36a	-23 20
1 11m	+17 54	0 46m	+17 48	0 20m	+17 42	11 51	+17 36	11 25	+17 30
11 48a	+14 36	11 24a	+14 32	10 59a	+14 27	10 35	+14 23	10 10	+14 19

Days of Month.	Moon rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco (Yerba Buena).
1	<i>sets.</i> h. m.	<i>sets.</i> h. m.	<i>sets.</i> h. m.	<i>sets.</i> h. m.	<i>sets.</i> h. m.	<i>sets.</i> h. m.	h. m.	h. m.	h. m.	h. m.
2	5 56a	6 12a	6 7a	6 22a	6 30a	6 16a	10 57m	7 49m	6 57m	10 22m
3	6 42	6 47	6 54	7 12	7 31	7 4	11 35	8 27	7 35	11 0
4	7 36	7 42	7 49	8 10	8 19	8 1	0 15a	9 7	8 15	11 40
5	8 29	8 45	8 53	9 12	9 22	9 5	0 57	9 49	8 57	0 22a
6							1 41	10 33	9 41	1 6
7	9 47a	9 54a	10 1a	10 19a	10 28a	10 12a	2 29a	11 21m	10 29m	1 54a
8	10 59	11 4	11 10	11 25	11 32	11 20	3 21	0 13a	11 21	2 46
9	...	...	...	...	...	...	4 23	1 14	0 23a	3 47
10	0 9m	0 14m	0 19m	0 29m	0 36m	0 28m	5 43	2 35	1 43	5 8
11	1 19	1 21	1 23	1 31	1 35	1 32	7 10	4 2	3 10	6 35
12	2 24	2 25	2 26	2 29	2 33	2 35	7 51m	5 19	4 27	7 16m
13	3 27	3 27	3 27	3 27	3 29	3 35	8 56	6 16	5 24	8 23
14	4 29m	4 29m	4 27m	4 24m	4 24m	4 34m	9 46m	6 38m	6 7a	9 11m
15	5 33	5 30	5 29	5 21	5 20	5 34	10 26	7 18	6 26m	9 51
16	<i>rises.</i>	<i>rises.</i>	<i>rises.</i>	<i>rises.</i>	<i>rises.</i>	<i>rises.</i>	11 3	7 55	7 3	10 28
17	5 15a	5 19a	5 25a	5 42a	5 48a	5 33a	11 36	8 28	7 36	11 1
18	5 49	5 56	6 2	6 20	6 29	6 11	0 9a	9 1	8 9	11 34
19	6 33	6 39	6 46	7 6	7 15	6 58	0 39	9 31	8 39	0 43
20	7 22	7 28	7 35	7 55	8 6	7 47	1 11	10 3	9 11	0 36
21	8 17a	8 24a	8 30a	8 49a	8 58a	8 41a	1 44a	10 36m	9 44m	1 9a
22	9 18	9 23	9 30	9 47	9 55	9 40	2 30	11 12	10 20	1 45
23	10 21	10 27	10 31	10 45	10 53	10 41	2 58	11 50	10 58	2 23
24	11 27	11 31	11 35	11 45	11 51	11 45	3 43	0 35a	11 43	3 8
25	...	...	...	...	...	...	4 41	1 33	0 41a	4 6
26	0 34m	0 37m	0 39m	0 46m	0 50m	0 48m	5 56	2 48	1 56	5 21
27	1 43	1 44	1 46	1 48	1 52	1 54	7 13	4 5	3 13	6 38
28	2 55m	2 54m	2 54m	2 53m	2 54m	3 3m	7 45m	5 11a	4 19a	7 10m
29	4 8	4 7	4 5	3 59	3 59	4 13	8 49	6 6	5 14	8 14
30	5 26	5 24	5 20	5 10	5 8	5 28	9 38	6 30m	6 0	9 8
31	<i>sets.</i>	<i>sets.</i>	<i>sets.</i>	<i>sets.</i>	<i>sets.</i>	<i>sets.</i>	10 23	7 15	6 23m	9 48

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 29m	6 9a	5 35m	6 9a	5 40m	6 18a	5 43m	6 10a	5 46m	6 14a
N. York,	5 27	6 11	5 33	6 11	5 37	6 11	5 41	6 13	5 44	6 16
Wash'n,	5 25	6 13	5 30	6 14	5 34	6 14	5 38	6 16	5 41	6 19
Charles.,	5 17	6 21	5 22	6 22	5 26	6 23	5 29	6 25	5 33	6 28
N. Orl's,	5 13	6 25	5 18	6 26	5 24	6 27	5 25	6 29	5 28	6 32
S. Fran.,	5 24	6 14	5 29	6 15	5 33	6 15	5 36	6 18	5 39	6 21

PHASES, AND PERIGEE AND APOGEE, OF THE MOON.

First Quarter, 7th day, 7h. 2.2m. M. | Last Quarter, 23d day, 8h. 14.5m. M.  
 Full Moon, 15th " 8 25.5 M. | New Moon, 30th " 0 57.6 M.  
 Perigee, 1st day, 0h. M. | Apogee, 15th day, 1h. M. | Perigee, 29th day, 0h. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets (cor. for refr.) Mean Time.												Moon Souths. Mean Time.
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		San Francisco, &c.		
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.
1	Th.	7 10	4 28	7 5	4 34	7 0	4 39	3 45	4 54	6 39	5 0	6 57	4 41	0 47a
2	F.	11	28	6	33	1	38	46	54	40	0	58	41	1 52
3	S.	12	28	7	33	2	38	47	54	41	0	59	41	2 57
4	Su.	7 13	4 28	7 8	4 33	7 3	4 38	6 47	4 54	6 42	5 1	7 0	4 41	3 57a
5	M.	14	28	9	33	4	38	48	54	42	1	1	41	4 53
6	Tu.	15	28	10	33	5	38	49	54	43	1	2	41	5 44
7	W.	16	28	11	33	6	38	50	54	44	1	3	41	6 30
8	Th.	17	28	12	33	7	38	51	54	44	1	4	41	7 14
9	F.	18	28	13	33	8	38	52	54	45	1	5	41	7 57
10	S.	19	28	14	33	8	38	52	55	46	1	5	42	8 39
11	Su.	7 20	4 28	7 15	4 33	7 9	4 39	6 53	4 55	6 46	5 1	7 6	4 42	9 21a
12	M.	21	28	16	33	10	39	54	55	47	2	7	42	10 5
13	Tu.	21	28	16	34	11	39	54	55	48	2	8	42	10 50
14	W.	22	29	17	34	11	39	55	55	48	2	9	43	11 39
15	Th.	23	29	18	34	12	40	56	56	49	3	9	43	8
16	F.	23	29	18	34	13	40	56	56	50	3	10	44	0 28m
17	S.	24	29	19	35	14	40	57	57	50	3	10	44	1 18
18	Su.	7 25	4 30	7 20	4 35	7 14	4 41	6 57	4 57	6 51	5 4	7 11	4 44	2 8m
19	M.	26	30	20	36	15	41	58	58	51	4	11	45	2 57
20	Tu.	26	31	21	36	15	42	58	58	52	5	12	45	3 45
21	W.	26	31	21	37	15	42	59	59	52	5	12	46	4 32
22	Th.	27	32	22	37	16	43	59	59	52	6	13	46	5 18
23	F.	27	32	22	38	16	43	7 0	5 0	53	6	13	47	6 2
24	S.	28	33	22	38	17	44	0	0	54	7	14	47	6 48
25	Su.	7 28	4 34	7 23	4 39	7 17	4 44	7 1	5 1	6 54	5 7	7 14	4 48	7 36m
26	M.	29	34	23	40	18	45	1	1	54	8	15	49	8 27
27	Tu.	29	35	23	40	18	46	2	2	55	9	15	49	9 23
28	W.	29	36	24	41	18	46	2	3	55	10	15	50	10 23
29	Th.	29	36	24	42	19	47	2	4	55	10	15	51	11 27
30	F.	30	37	24	42	19	48	3	4	56	11	16	51	0 34a
31	S.	30	38	24	43	19	49	3	5	56	12	16	52	1 38

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.	souths.	Dec.
	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.	h. m.	o.
0 22a	—	22 32	11 26m	—	19 21	—	10 28m	—	19 5	—
3 12	—	23 33	3 16a	—	21 59	—	3 20a	—	18 3	—
5 55m	—	11 10	5 41m	—	10 27	—	5 9m	—	9 14	—
5 58	—	12 35	5 40	—	12 23	—	5 2	—	12 24	—
					6 5	—	3 9	—	3 28	—
									5 27	—
1 18a	—	23 22	1 0a	—	23 22	—	0 43a	—	23 20	—
10 59	—	17 24	10 34	—	17 19	—	0 43	—	17 10	—
9 46	—	14 15	9 21	—	14 11	—	8 33	—	14 5	—

Days of Month.	Moon-rises or sets. Mean Time.						High Water. Mean Time.			
	Boston, &c.	New York, &c.	Washington, &c.	Charleston, &c.	N. Orleans, &c.	San Francisco, &c.	Boston, &c.	New York, &c.	Charleston, &c.	San Francisco, &c. (Verba Buena).
	sets. h. m.	sets. h. m.	sets. h. m.	sets. h. m.	sets. h. m.	sets. h. m.	h. m.	h. m.	h. m.	h. m.
1	5 18a	5 26a	5 32a	5 52a	6 1a	5 43a	11 5m	8 0m	7 18m	10 33m
2	6 19	6 26	6 34	6 54	7 4	6 46	11 55	8 47	7 55	11 20
3	7 29	7 36	7 42	8 1	8 11	7 55	0 43a	9 35	8 43	0 8a
S.	8 44a	8 50a	8 55a	9 11a	9 20a	9 7a	1 32a	10 24m	9 32m	0 57a
5	9 58	10 2	10 6	10 19	10 27	10 17	2 23	11 15	10 23	1 48
6	11 7	11 11	11 14	11 22	11 28	11 24	3 16	0 3a	11 16	2 41
7	...	...	...	...	...	...	4 11	1 3	0 11a	3 36
8	0 16m	0 16m	0 19m	0 24m	0 28m	0 27m	5 14	2 6	1 14	4 39
9	1 21	1 31	1 21	1 22	1 25	1 29	6 28	3 20	2 28	5 53
10	2 23	2 22	2 22	2 19	2 19	2 28	7 2m	4 26	3 34	6 59
S.	3 25m	3 23m	3 21m	3 16m	3 15m	3 23m	8 7m	5 30a	4 38a	7 32m
12	4 26	4 24	4 21	4 11	4 8	4 26	9 8	6 25	5 53	8 33
13	5 29	5 26	5 21	5 8	5 4	5 26	9 56	6 45m	6 6	9 21
14	rises.	rises.	rises.	rises.	rises.	rises.	10 34	7 36	6 34m	9 59
15	4 30a	4 36a	4 43a	5 3a	5 13a	4 54a	11 14	8 6	7 14	10 39
16	5 17	5 23	5 31	5 51	6 1	5 41	11 47	8 59	7 47	11 12
17	6 10	6 16	6 24	6 43	6 58	6 35	0 23a	9 15	8 23	11 48
S.	7 9a	7 16a	7 22a	7 40a	7 48a	7 33a	0 56a	9 48m	8 56m	0 21a
19	8 12	8 16	8 22	8 37	8 45	8 33	1 32	10 34	9 32	0 57
20	9 16	9 20	9 25	9 36	9 48	9 35	2 4	10 58	10 6	1 31
21	10 22	10 26	10 28	10 37	10 41	10 38	2 44	11 36	10 44	2 9
22	11 28	11 29	11 31	11 35	11 39	11 40	3 26	0 18a	11 26	2 51
23	...	...	...	...	...	...	4 14	1 6	0 14a	3 39
24	0 36m	0 36m	0 36m	0 37m	0 39m	0 45m	5 10	2 2	1 10	4 35
S.	1 46m	1 44m	1 43m	1 46m	1 41m	1 51m	6 16a	3 8a	2 16a	5 41a
26	2 59	2 56	2 55	2 47	2 45	3 1	6 50m	4 14	3 23	6 47
27	4 17	4 13	4 9	3 57	3 54	4 17	7 55	5 20	4 28	7 30m
28	5 36	5 32	5 27	5 11	5 6	5 33	8 59	6 19	5 27	8 24
29	sets.	sets.	sets.	sets.	sets.	sets.	9 57	6 49m	6 22	9 22
30	5 3a	5 10a	5 18a	5 32a	5 47a	5 30a	10 50	7 42	6 56m	10 15
31	6 17	6 24	6 29	6 48	6 58	6 42	11 48	8 33	7 43	11 8

## PHENOMENA, 1853.

*Mean Time, Washington.*

## JANUARY.

d. h. m.			
4 4 40m	♀	♂	♂ 0 46 N.
6 10 1a	♂	♂	♂ 0 50 S.
7 3 8m	♀	♂	♀ 0 6 N.
7 4 48a	♂	♂	♂ 1 37 N.
9 5 36a	♂	♂	♂ 1 13 N.
10 3 25a	♂	♂	♂ greatest elong. 23 33 W.
12 10 52m	♂	♂	♂ stationary.
12 9 52a	♂	♂	♂ stationary.
13 10 18m	♂	♂	♂ Ceti * (2 <sup>m</sup> .0) W.
17 0 37a	♂	♂	♂ 4 6 N.
18 3 36m	♂	♂	♂ 1 38 N.
20 2 9m	♂	♂	♂ in ☿.
22 5 22a	♀	♂	♀ ☿.
24 9 4m	♂	♂	♂ ☿.
26 1 25a	♂	♂	♂ ☿.
28 6 52m	♂	♂	♂ B.A.C. 845 * (4 <sup>m</sup> .8) E.
28 0 22a	♂	♂	♂ ☿.
29 5 50m	♂	♂	♂ ☿.
31 1 7m	♂	♂	♂ ☿.
31 6 2m	♂	♂	♂ in Aphelion.

## FEBRUARY.

d. h. m.			
2 6 52m	♀	♂	♀ μ Virg. * (10 <sup>m</sup> .0) W.
3 11 27m	♀	♂	♀ in ☿.
3 2 5a	♂	♂	♂ 0 16 S.
5 1 44a	♂	♂	♂ 2 33 S.
6 1 38m	♀	♂	♀ 2 6 N.
6 9 11a	♂	♂	♂ 1 20 N.
7 5 26a	♂	♂	♂ 2 51 N.
12 6 52m	♂	♂	♂ in Perihelion.
13 9 58a	♂	♂	♂ 3 51 N.
14 0 12m	♂	♂	♂ greatest Hel. Lat. S.
14 1 57a	♂	♂	♂ 1 29 N.
19 6 2m	♂	♂	♂ 1 5 S.
20 4 15a	♂	♂	♂ greatest Hel. Lat. S.
21 1 11	♂	♂	♂ 10 30 S.
26 4 16m	♀	♂	♀ in Sup. ☿.

## MARCH.

d. h. m.			
3 2 18m	♂	♂	♂ 0 19 N.
6 6 52m	♂	♂	♂ in Aphelion.

d. h. m.

8 2 1m	♀	♂	♀ 3 23 N.
8 5 39a	♂	♂	♂ 4 1 N.
9 11 40m	♂	♂	♂ stationary.
9 3 13a	♂	♂	♂ in Perihelion.
9 5 50a	♀	♂	♀ in Aphelion.
10 10 18m	♂	♂	♂ 5 10 N.
11 9 5m	♂	♂	♂ 8 26 S.
11 4 02a	♂	♂	♂ in ☿.
12 6 52m	♂	♂	♂ stationary.
13 8 11m	♂	♂	♂ 3 24 N.
13 4 59a	♂	♂	♂ ☿.
14 2 29m	♂	♂	♂ 1 12 N.
16 5 43m	♂	♂	♂ in Perihelion.
20 11 17m	♂	♂	♂ enters ☿. Spring commences.
23 0 43m	♂	♂	♂ greatest elong. 18 35 E.
25 1 58a	♀	♂	♀ 0 30 S.
26 1 47a	♂	♂	♂ greatest Hel. Lat. N.
28 8 12a	♂	♂	♂ Tauri * (6 <sup>m</sup> .7) W.
30 11 38m	♂	♂	♂ 0 46 N.
31 5 21a	♂	♂	♂ stationary.

## APRIL.

d. h. m.

1 8 0m	♀	♂	♀ greatest Hel. Lat. S.
6 6 56a	♂	♂	♂ 4 26 N.
7 7 15m	♀	♂	♀ 3 45 N.
8 9 38	♀	♂	♀ 7 41 N.
9 6 15a	♂	♂	♂ 3 21 N.
10 11 56m	♂	♂	♂ stationary.
10 3 54a	♂	♂	♂ 0 53 N.
10 7 55a	♂	♂	♂ in Inf. ☿.
14 5 21a	♂	♂	♂ 2 46 N.
15 10 52a	♂	♂	♂ Tauri * (6 <sup>m</sup> .7) E.
17 8 55m	♂	♂	♂ int. of light 1.163.
19 1 27	♂	♂	♂ in ☿.
23 5 37	♂	♂	♂ stationary.
23 6 52	♂	♂	♂ greatest Hel. Lat. S.
23 7 47	♂	♂	♂ 0 19 S.
25 5 9a	♂	♂	♂ c' Tauri * (2 <sup>m</sup> .2) E.
26 5 18a	♂	♂	♂ c' Tauri * 0 7 S.
26 7 11a	♂	♂	♂ 0 56 N.
27 9 44a	♂	♂	♂ 7 28 N.
28 3 56m	♂	♂	♂ int. of light 1.180.
28 5 5a	♂	♂	♂ ☿.
29 5 17m	♂	♂	♂ in Aphelion.

*Mean Time, Washington.*

## MAY.

d. h. m.			
1 10 59a	♀ ♀ ☿	♀ 0 38 S.	
5 1 0a	♀ ♀ ☿	♀ 1 41 N.	
5 9 26a	♂ ♀ ☿	♂ 3 55 N.	
7 3 44m	☿ ♀ ☿	☿ 3 13 N.	
7 5 56a	♀ ♀ ☿	♀ 2 19 N.	
8 5 23m	♂ ♀ ☿	♂ 0 36 N.	
8 5 5a	greatest elong. 26 6W.		
11 9 14a	♂ ♀ ☿		
12 4 14a	♀ ♀ ♀	♀ 1 26 N.	
13 5 48a	♀ in Sup. ♀ ☿		
17 2 31m	♀ ♀ ♀	♀ 2 34 S.	
19 3 1a	greatest Hel. Lat. S.		
22 2 18m	♀ ♀ ☿	♀ 2 19 S.	
24 1 33m	♂ ♀ ☿	♂ 0 46 N.	
26 11 0a	♀ ♀ ☿	♀ 0 6 S.	
27 2 47a	♀ in ☿.		
30 3 51a	♀ ♀ ♀	♀ 0 33 N.	

## JUNE.

d. h. m.			
3 0 48a	☿ ♀ ☿	☿ 3 9 N.	
4 0 23m	♂ ♀ ☿	♂ 2 40 N.	
4 6 44a	♂ ♀ ☿	♂ 0 19 N.	
5 6 11a	♀ ♀ ☿	♀ 0 56 N.	
6 . . .	☿ eclipsed, inv. at Green <sup>b</sup> .		
7 5 26m	♀ ♀ ☿	♀ 0 5 N.	
7 3 14a	♀ in ☿.		
10 9 25m	♂ ♀ ☿		
11 6 54m	stationary.		
12 0 1m	♂ ♀ ♀	♂ 1 36 S.	
12 4 58m	in Perihelion.		
13 9 9m	♀ in Sup. ♀ ☿		
17 11 17m	♂ ♀ ♀	♂ 2 23 S.	
18 8 26m	♂ ♀ ♀	♂ 1 45 N.	
18 0 18a	♂ ♀ ☿	♂ 9 10 S.	
19 6 52m	stationary.		
20 . . .	☿ eclipsed, inv. at Green <sup>b</sup> .		
20 6 57m	♂ ♀ ☿	♂ 0 24 N.	
20 3 14a	♀ ♀ ♀	♀ 10 2 S.	
21 8 15m	☿ enters ☿. Summer commences.		
22 10 16m	♀ ♀ ♀	♀ 0 63 N.	
22 1 4a	greatest Hel. Lat. N.		
23 2 52m	♂ ♀ ♀	♂ 1 <sup>m</sup> .2 E.	
27 4 33m	♂ ♀ ☿		
30 0 52m	in Perihelion.		
30 9 45a	☿ ♀ ☿	☿ 3 2 N.	

## JULY.

d. h. m.			
2 7 48m	♂ ♀ ☿	♂ 0 1 S.	
3 0 52m	☿ in Apogee.		
3 2 20m	♂ ♀ ☿	♂ 1 6 N.	
7 0 14a	♀ ♀ ☿	♀ 2 6 S.	
8 5 18m	♀ ♀ ☿	♀ 2 56 S.	
11 10 53m	♂ in ☿.		
13 5 1m	♂ ♀ ☿		
14 8 48a	♀ ♀ ☿		
16 0 42m	♂ in ☿.		
17 11 52m	♂ ♀ ☿	♂ 0 7 N.	
20 3 39m	♀ ♀ α Leonis	*(14 <sup>m</sup> .6) E.	
20 11 58a	greatest elong. 26 58 E.		
22 2 43m	greatest Hel. Lat. N.		
26 4 36m	♀ in Aphelion.		
28 6 41m	☿ ♀ ☿	☿ 2 49 N.	
29 6 20a	♀ ♀ ☿		
29 8 16a	♂ ♀ ☿	♂ 0 25 S.	
30 6 52m	♂ in ☿.		

## AUGUST.

d. h. m.			
1 2 3m	♂ ♀ ☿	♂ 0 28 S.	
1 3 33m	♀ ♀ ♀	♀ 5 4 S.	
1 6 9m	♀ ♀ α Leonis	*(12 <sup>m</sup> .3) W.	
3 5 12m	stationary.		
4 9 36a	☿ ☿ ☿		
6 1 42m	♂ ♀ ☿	♂ 9 34 S.	
6 1 44a	♀ ♀ ☿	♀ 3 48 S.	
11 9 24m	stationary.		
13 5 27a	♂ ♀ ☿	♂ 0 6 N.	
15 2 43a	greatest Hel. Lat. S.		
17 10 7a	in inf. ♀ ☿.		
18 0 52m	stationary.		
22 2 0m	♀ ♀ β Virg.	*(3 <sup>m</sup> .9) W.	
24 1 48a	♂ ☿ ☿		
24 3 14a	☿ ♀ ☿	☿ 2 33 N.	
26 7 20m	♂ ♀ ☿	♂ 0 51 S.	
26 7 35a	♀ ♀ ♀	♀ 4 <sup>m</sup> .6 E.	
26 10 40a	stationary.		
29 11 58a	♂ ♀ ☿	♂ 1 49 S.	

Mean Time, Washington.

## SEPTEMBER.

d. h. m.			
1 4 47a	♂ ♂ ☾	♂ 5 18 S.	
3 2 38a	♂ in ☿.		
3 8 37a	♂ greatest elong. 18 2 W.		
5 0 21a	♀ ♂ ☾	♀ 4 18 S.	
8 4 15m	♀ in Perihelion.		
8 9 45m	♀ ☐ ☉.		
8 6 22a	♂ ♂ α Leonis * (7 <sup>m</sup> .3) W.		
10 1 14m	♀ ♂ ☾	♀ 0 23 N.	
13 9 0a	♂ stationary.		
16 4 14m	♀ in ☿.		
18 0 20a	♂ greatest Hel. Lat. N.		
20 10 41a	♂ ☾	♂ 2 21 N.	
21 10 9m	♀ ♂ λ Virg. * (9 <sup>m</sup> .5) E.		
22 3 57a	♂ ☾	♂ 1 18 S.	
22 10 28a	☉ enters ♄.	Autumn commences.	
27 5 13a	♂ ☾	♂ 2 51 S.	
29 5 25a	♀ in Sup. ♂ ☉.		

## OCTOBER.

d. h. m.			
2 6 41a	♂ ☾	♂ 3 46 S.	
5 9 45m	♀ ☾	♀ 3 12 S.	
7 0 41a	♀ ☾	♀ 0 51 N.	
13 11 56a	♂ in ☿.		
14 0 1m	♂ ♂ β <sup>1</sup> Scorpii * (0 <sup>m</sup> .5) E.		
14 4 48m	♂ ☿	♂ 28 59 N.	
14 6 52m	♂ ♂ β <sup>1</sup> Scorpii * 0 2 N.		
16 1 21m	♂ ♂ Scorpii * (7 <sup>m</sup> .6) W.		
16 4 2m	♂ ☿	♂ 2 35 N.	
18 4 38m	♂ ☾	♂ 2 18 N.	
19 9 27m	♀ ♂ ρ Ophiuchi * (0 <sup>m</sup> .9) E.		
19 1 31a	♀ ♂ ρ Ophiuchi * 0 3 N.		
19 9 26a	♂ ☾	♂ 1 22 S.	
20 11 14a	♀ in Aphelion.		
21 10 52a	♂ ω <sup>1</sup> Scorp. * (10 <sup>m</sup> .8) W.		
22 3 52m	♂ in Aphelion.		
26 8 3m	♂ ☾	♂ 3 25 S.	
30 9 0a	♂ ♂ ω Ophiuchi * 0 1 S.		
30 10 52a	♂ ♂ ω Ophiu. * (0 <sup>m</sup> .1) W.		

## NOVEMBER.

d. h. m.			
2 9 43m	♂ ♂ Scorpii * (4 <sup>m</sup> .7) E.		
2 11 33m	♂ ☾	♂ 3 22 S.	

d. h. m.

2 9 42a	♂ ☉.	♀ 0 33 S.	
3 4 23a	♀ ♂ ☾	♀ 1 23 N.	
4 4 29m	♀ ☾	♀ 1 8 S.	
4 5 23m	♀ ☾	♀ 20 21 N.	
9 8 45a	♀ ♂ ☿		
11 1 56a	♀ greatest Hel. Lat. S.		
12 0 45m	♀ greatest Hel. Lat. S.		
13 6 52m	♀ ♂ ☿	♀ 2 44 N.	
14 8 56m	♂ ☾	♂ 2 25 N.	
15 4 34m	♂ greatest elong. 22 19 E.		
16 6 52m	♀ in ☿.		
16 0 12m	♂ ☾	♂ 1 15 S.	
20 11 17m	♂ ☉.		
23 6 11a	♂ ☾	♂ 3 22 S.	
24 6 25m	♂ ♂ Ophiu. * (7 <sup>m</sup> .4) W.		
24 10 43a	♂ stationary.		
26 11 43a	♂ ☐ ☉.		
28 8 25m	♂ ☐ ☉.		
29 5 20m	♀ ♂ ☿	♀ 0 4 N.	
30 . . .	☉ eclipsed, inv. at Greenh.		
30 1 48a	♀ in ☿.		
31 4 21m	♀ ☾	♀ 0 52 N.	

## DECEMBER.

d. h. m.

2 0 3m	♀ ☾	♀ 1 53 N.	
2 0 30m	♀ ♂ ☿	♀ 26 4 N.	
3 9 31a	♀ ☾	♀ 1 23 N.	
4 7 21a	♀ in Inf. ♂ ☉.		
5 3 31m	♀ in Perihelion.		
10 11 40m	♂ ♂	♂ 2 8 N.	
11 0 53a	♂ ☾	♂ 2 32 N.	
13 1 59m	♂ ☾	♂ 0 59 S.	
14 3 25a	♂ stationary.		
15 11 36m	♂ greatest Hel. Lat. N.		
18 2 27m	♂ ☐ ☉.		
18 3 2a	♀ gr. elong.	♀ 47 16 E.	
19 5 34m	♀ ♂ ☉.		
21 6 0m	♀ ♂ Capri. * (5 <sup>m</sup> .2) W.		
21 4 4a	☉ enters ♏.	Winter commences.	
21 8 36a	♂ ☾	♂ 2 39 S.	
24 3 21m	♂ greatest elong. 22 3 W.		
27 10 31m	♀ ☉.		
28 0 45a	♀ ♂	♀ 1 55 N.	
29 10 44m	♀ ♂ μ Capri. * (4 <sup>m</sup> .3) W.		
29 9 29a	♀ ☾	♀ 2 21 N.	

## ECLIPSES IN 1853.

In the year 1853, there will be three eclipses, two of the Sun, and one of the Moon; of which eclipses, one of the Sun will be visible in the United States.

**I. Monday, June 6th.** An annular eclipse of the Sun, partially visible in the United States.

Beginning of the general eclipse, June 6th, 11h. 58.9m. (mean time at Washington), in latitude  $23^{\circ} 23'$  S., and longitude  $156^{\circ} 48'$  W. of Greenwich.

Beginning of the central and annular eclipse, 1h. 9.1m. A., in latitude  $30^{\circ} 38'$  S., and longitude  $170^{\circ} 26'$  W. of Greenwich.

Central eclipse at noon, 2h. 49.9m. A., in latitude  $0^{\circ} 38'$  N., and longitude  $119^{\circ} 54'$  W. of Greenwich.

End of central and annular eclipse, 4h. 48.8m. A., in latitude  $9^{\circ} 8'$  S., and longitude  $63^{\circ} 27'$  W. of Greenwich.

End of the general eclipse at 5h. 59.0m., in latitude  $1^{\circ} 42'$  S., and longitude  $77^{\circ} 52'$  W. of Greenwich.

The centre of the shadow passes over the points on the earth's surface whose positions are, —

Latitude.	Longitude from Greenwich.	Latitude.	Longitude from Greenwich.
$9^{\circ} 8' \text{ S.}$	$63^{\circ} 27' \text{ W.}$	$0^{\circ} 38' \text{ N.}$	$119^{\circ} 54' \text{ W.}$
5 30	72 9	2 0 S.	124 40
2 32	79 34	5 20	129 36
0 4	86 21	9 41	135 29
1 44 N.	92 11	13 59	141 20
3 13	98 40	17 46	146 48
3 51	105 18	21 56	153 25
3 30	110 45	26 10	161 2
2 22	115 35	30 38	170 26

The phases of the eclipse will occur approximately as follows : —

Name of Place.	Beginning.	End.	Digits eclipsed.	Angle from North to East of	
				First Point of Contact.	Last Point of Contact.
Jackson, . . .	h. m. 2 47.0A.	h. m. 3 58.0A.	0.9	196	152
New Orleans, . .	2 35.7	4 9.1	1.5	205	144
Savannah, . . .	3 50.4	4 27.3	0.4	188	164
Tallahassee, . .	3 15.0	4 32.7	1.1	201	148
Tuscaloosa, . . .	3 9.9	0.1	0.6	190	159

This eclipse will be visible in the southern portion of North America, and the greater part of South America.



*Elements of the Eclipse, by which it may be computed for any Place.*

Greenwich Mean Solar Time.		A.	B.	C.	Log. E.	Log. F.	Log. G.	Log. H.	μ.
h.	m.								
6	0	-0.97630	-0.01366	-1.14396	579	411	183	140	+90 24 27.1
	5	0.93496	0 00491	1.13532	579	411	183	140	91 39 26.9
	10	0.89358	+0.00373	1.12668	579	411	184	141	92 54 26.7
	15	0.85222	0.01238	1.11804	579	411	184	141	94 9 26.5
	20	0.81086	0.02102	1.10940	579	411	185	142	95 24 26.4
	25	0.76950	0.02967	1.10076	578	411	186	143	96 39 26.2
	30	0.72814	0.03831	1.09212	578	411	186	143	97 54 26.0
	35	0.68678	0.04695	1.08348	578	410	187	144	99 9 25.8
	40	0.64542	0.05558	1.07485	578	410	188	144	100 24 25.6
	45	0.60406	0.06422	1.06621	577	410	189	145	101 39 25.5
	50	0.56270	0.07285	1.05757	577	410	189	146	102 54 25.3
	55	0.52133	0.08149	1.04894	577	410	190	146	104 9 25.1
7	0	-0.47997	+0.09012	-1.04030	577	410	190	147	105 24 24.9
	5	0.43860	0.09875	1.03167	577	410	191	147	106 39 24.7
	10	0.39724	0.10738	1.02303	577	410	192	148	107 54 24.5
	15	0.35587	0.11601	1.01440	577	410	192	148	109 9 24.3
	20	0.31450	0.12463	1.00577	577	410	193	149	110 24 24.1
	25	0.27313	0.13326	0.99714	577	410	193	150	111 39 23.9
	30	0.23176	0.14188	0.98851	577	410	194	150	112 54 23.8
	35	0.19039	0.15050	0.97988	576	409	195	151	114 9 23.6
	40	0.14902	0.15912	0.97125	576	409	195	151	115 24 23.4
	45	0.10765	0.16774	0.96263	576	409	196	152	116 39 23.2
	50	0.06628	0.17638	0.95401	576	409	196	153	117 54 23.0
	55	0.02490	0.18497	0.94539	576	409	197	153	119 9 22.8
8	0	+0.01647	+0.19359	-0.93677	576	409	198	154	120 24 22.6
	5	0.06784	0.20220	0.92815	576	409	198	154	121 39 22.4
	10	0.09922	0.21081	0.91954	576	409	199	155	122 54 22.2
	15	0.14059	0.21942	0.91092	576	409	199	155	124 9 22.0
	20	0.18197	0.22803	0.90231	576	409	200	156	125 24 21.8
	25	0.22334	0.23663	0.89369	576	409	201	157	126 39 21.6
	30	0.26472	0.24524	0.88506	576	409	202	157	127 54 21.4
	35	0.30610	0.25384	0.87647	575	408	202	158	129 9 21.3
	40	0.34747	0.26244	0.86787	575	408	203	158	130 24 21.1
	45	0.38885	0.27104	0.85926	575	408	204	159	131 39 20.9
	50	0.43023	0.27964	0.85066	575	408	204	160	132 54 20.7
	55	0.47161	0.28823	0.84206	575	408	205	160	134 9 20.5
9	0	+0.51299	+0.29683	-0.83346	575	408	205	161	135 24 20.3
	5	0.55437	0.30542	0.82486	575	408	205	161	136 39 20.1
	10	0.59575	0.31401	0.81627	575	408	206	162	137 54 19.9
	15	0.63713	0.32260	0.80767	575	408	207	162	139 9 19.7
	20	0.67851	0.33118	0.79908	575	408	207	163	140 24 19.5
	25	0.71990	0.33977	0.79049	575	407	208	164	141 39 19.3
	30	0.76128	0.34835	0.78190	575	407	208	164	142 54 19.1
	35	0.80266	0.35693	0.77332	574	407	209	165	144 9 19.0
	40	0.84404	0.36550	0.76473	574	407	209	165	145 24 18.8
	45	0.88542	0.37408	0.75615	574	406	210	166	146 39 18.6
	50	0.92680	0.38265	0.74757	574	406	211	167	147 54 18.4
	55	0.96819	0.39123	0.73900	574	406	211	167	149 9 18.2
10	0	+1.00957	0.39980	-0.73042	574	406	212	168	150 24 18.0
	5	1.05095	0.40836	0.72185	574	406	212	168	151 39 17.8
	10	1.09234	0.41693	0.71328	574	406	213	169	152 54 17.6
	15	1.13372	0.42549	0.70471	574	406	214	169	154 9 17.4
	20	1.17511	0.43405	0.69614	574	406	214	170	155 24 17.2
	25	1.21649	0.44261	0.68758	574	406	215	170	156 39 17.0
	30	1.25787	0.45117	0.67901	574	406	215	171	157 54 16.9
	35	1.29927	0.45972	0.67045	573	405	216	172	159 9 16.7
	40	1.34065	0.46827	0.66190	573	405	216	172	160 24 16.5
	45	1.38204	0.47682	0.65334	573	405	217	173	161 39 16.3
	50	1.42343	0.48536	0.64479	573	405	218	174	162 54 16.1
	55	1.46481	0.49391	0.63624	573	405	218	174	164 9 15.9
11	0	+1.50620	+0.50245	-0.62769	573	405	219	175	165 24 15.7

II. Monday, June 20th. A partial eclipse of the Moon, invisible in the United States.

Beginning of the eclipse,	0h. 4.9m. A.	} Mean time at Washington.
Middle,	0 53.2 A.	
End,	1 41.5 A.	

Digits eclipsed  $2^{\circ} 26'$  on the northern limb.

This eclipse will be visible in South America.

III. Wednesday, November 30th. A total eclipse of the Sun, invisible in the United States.

Beginning of the general eclipse, Nov. 30th, 11h. 29.5m. M. (mean time at Washington), in latitude  $19^{\circ} 47'$  N., and longitude  $153^{\circ} 56'$  W. of Greenwich.

Beginning of the central and total eclipse, 30th day, 0h. 25.6m. A., in latitude  $23^{\circ} 5'$  N., and longitude  $166^{\circ} 27'$  W. of Greenwich.

Central eclipse at noon, 30th day, 2h. 2.1m. A., in latitude  $11^{\circ} 20'$  S., and longitude  $110^{\circ} 18'$  W. of Greenwich.

End of the central and total eclipse, 30th day, 3h. 48.2m. A., in latitude  $4^{\circ} 16'$  S., and longitude  $45^{\circ} 8'$  W. of Greenwich.

End of the general eclipse, 30th day, 4h. 44.4m. A., in latitude  $7^{\circ} 35'$  S., and longitude  $57^{\circ} 49'$  W. of Greenwich.

The central line passes over the points on the earth's surface whose positions are, —

Latitude.	Longitude from Greenwich.	Latitude.	Longitude from Greenwich.
$4^{\circ} 16'$ S.	$45^{\circ} 8'$ W.	$11^{\circ} 20'$ S.	$110^{\circ} 18'$ W.
8 27	55 58	6 38	118 27
11 35	65 6	2 50	123 52
13 40	72 32	0 57 N.	128 57
15 5	79 21	4 53	134 15
15 52	85 49	8 55	140 1
15 57	92 3	13 9	146 38
15 14	98 31	17 59	155 19
15 29	105 10	23 5	166 27

This eclipse is visible in South America and Mexico.

## OCCULTATIONS.

*Elements for facilitating the Calculation of Occultations which may be visible in the United States in 1853.*

Day of the Month.	Star's Name.	Magnitude.	Washington Observatory, Mean Time of ap. Conj. in R. A. of Moon and Star.	At the Time of Conjunction.			Limiting Parallels between which the Occult. is visible.
				Apparent R. A. of Moon and Star	Apparent Declination of Star.	Star N. or S. of Moon.	
			h. m. s.	h. m. s.	° ' "	' "	° °
Jan. 6	$\nu$ $\eta$	4	4 29 5M.	16 3 25.29	19 4 22.08.	41 51N.	71N. 18.
21	$\epsilon$ $\delta$	4½	0 26 30	4 54 18.81	21 22 30.7N.	1 27S.	38 27
22	1 $\Pi$	5	4 14 47	5 55 11.40	23 15 58.6	13 40N.	55 7
25	$\gamma$ $\sigma$	4½	1 2 2	8 34 46.95	21 59 38.6	2 54S.	37 27
29	$c$ $\pi$	5	2 56 19	12 12 52.92	4 7 51.88.	5 9N.	45 35
Feb. 4	4 $\uparrow$	5	6 25 45M.	17 50 47.16	23 47 51.08.	21 0N.	70N. 208.
13	$\xi^1$ Ceti	5	6 35 37A.	2 5 11.77	8 9 9.5N.	7 16	48 31
17	$\sigma$ $\delta$	5	8 30 18	5 18 48.39	21 48 27.1	45 34	90 22N.
20	$\mu^1$ $\sigma$	6	6 17 54M.	7 57 35.84	23 3 3.5	15 48	57 68.
25	$c$ $\pi$	5	10 20 50	12 12 53.53	4 7 48.6	4 9S.	36 44
26	80 $\pi$	6	8 31 44A.	13 27 53.03	4 38 49.58.	17 10N.	56 25
28	$\zeta^1$ $\Delta$	4	10 5 51	15 19 58.26	16 12 0.8	43 29	73 0
Mar. 7	$\epsilon$ $\nu$	5	6 4 34M.	21 28 48.81	20 7 26.78.	59 34N.	70N. 22N.
16	105 $\delta$	6	7 30 33A.	4 59 7.53	21 30 24.1N.	31 20	81 6
17	1 $\Pi$	5	9 34 45	5 55 10.68	23 15 59.8	38 38	90 18
20	$\gamma$ $\sigma$	4½	7 45 23	8 34 46.93	21 59 41.0	11 16	52 148.
24	$c$ $\pi$	5	8 1 5	12 12 53.83	4 7 47.5	7 58.	34 46
26	94 $\pi$	6	6 49 49	13 58 31.87	8 11 18.78.	19 31N.	57 23
26	95 $\pi$	6	7 0 57	13 58 57.49	8 36 39.5	42 7	84 3
26	$\kappa$ $\pi$	4	9 40 6	14 5 4.37	9 35 21.9	61 51	80 17N.
28	$\zeta^1$ $\Delta$	4	5 25 42M.	15 19 58.97	16 12 8.7	29 21	62 148.
28	$\nu$ $\eta$	4	11 13 24A.	16 3 27.84	19 4 31.7	4 17	34 86
30	$\delta$ Ophiuchi	5	4 38 28M.	17 17 28.75	24 2 7.1	68 16	66 34N.
30	$c^3$ Ophiuchi	5	6 37 37	17 22 26.97	23 50 38.4	45 41	66 4
31	$\lambda$ $\uparrow$	4	4 45 38	18 18 53.66	25 29 54.8	64 2	65 29
31	$\psi$ $\uparrow$	5	11 35 43A.	19 6 31.02	25 30 17.9	57 34	64 20
Apr. 1	$\mu^2$ $\uparrow$	4½	8 7 10M.	19 27 44.79	25 12 13.48.	54 33N.	65N. 16N.
13	$\epsilon$ $\delta$	4½	0 22 37	4 54 17.57	21 22 30.0N.	39 59	90 14
23	$\mu$ $\Delta$	5	11 20 15A.	14 41 17.34	18 33 8.0	73 37	76 32
25	$\beta^1$ $\eta$	2	5 50 47M.	15 56 54.76	19 24 1.1	41 53	70 38.
27	4 $\uparrow$	5	1 27 41	17 50 49.75	23 47 52.4	19 51S.	3 62
28	$\psi$ $\uparrow$	5	6 19 25	19 6 31.92	25 30 16.5	44 22N.	64 3N.
May 10	$\epsilon$ $\delta$	4½	6 38 37M.	4 54 17.40	21 22 29.6N.	46 40N.	90N. 22N.
18	$\nu$ $\pi$	4½	0 13 34	11 38 18.84	7 21 8.0	42 59	90 0
19	65 $\pi$	6	9 9 21	13 15 43.08	4 9 17.88.	66 37	86 22

Day of the Month.	Star's Name.	Magnitude.	Washington Observatory, Mean Time of ap. Conj. in R. A. of Moon and Star.	At the Time of Conjunction.			Limiting Parallels between which the Occult. is visible.
				Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	
			h. m. s.	h. m. s.	° ' "	' "	° °
May 20	$\kappa$ $\pi$	4	6 54 45A.	14 5 4.82	9 35 23.18.	61 34N.	80N. 16N.
22	$\zeta^1$ $\triangle$	4	2 5 59M.	15 19 59.83	16 12 6.0	21 38	53 22S.
23	$\omega$ Ophiuchi	5	2 51 51	16 23 27.23	21 8 52.7	39 53	66 5
23	$\delta$ Ophiuchi	5	11 4 26A.	17 17 25.20	24 2 8.4	52 35	66 9N.
24	$\epsilon^2$ Ophiuchi	5	0 56 29M.	17 22 28.44	23 50 39.5	29 46	51 13S.
24	$\lambda$ $\uparrow$	4	9 41 43A.	18 18 55.33	25 29 54.1	45 51	65 3N.
25	$\lambda^2$ $\uparrow$	4½	11 19 56	19 27 46.56	25 12 9.7	34 36	53 6S.
28	$\epsilon$ $\mathcal{V}$	5	0 16 26M.	21 28 51.11	20 7 14.9	28 16	57 14
28	$\kappa$ $\mathcal{V}$	5	2 43 31	21 34 27.09	19 31 56.6	15 30	45 26
June 2	$\nu$ $\times$	5	4 41 2M.	1 33 46.34	4 44 27.4N.	20 38N.	63N. 20S.
15	$\kappa$ $\pi$	5	0 7 13	12 12 53.48	4 7 51.5	7 21	48 34
17	$\mu$ $\triangle$	5	8 10 15A.	14 41 17.56	13 32 8.2S.	75 41	76 37N.
19	$\beta^1$ $\eta$	2	3 13 36M.	15 56 55.38	19 24 2.3	40 30	69 48.
22	$\psi$ $\uparrow$	5	1 47 45	19 6 33.45	25 30 14.6	37 49	55 5
27	30 $\times$	4½	5 56 36	23 54 25.86	6 46 45.8	30 48	73 12
30	$\xi^1$ Ceti	5	4 20 36	2 5 12.84	8 9 18.5N.	25 22	69 14
July 15	$\zeta^1$ $\triangle$	4	8 39 41A.	15 19 59.78	15 12 5.6S.	17 53N.	50N. 25S.
16	$\omega$ Ophiuchi	5	10 36 41	16 23 27.46	21 8 53.4	36 53	64 7
17	$\epsilon^2$ Ophiuchi	5	9 22 55	17 22 28.97	23 50 40.6	37 44	49 15
19	$\lambda^2$ $\uparrow$	4½	7 55 25	19 27 47.71	25 12 8.8	35 19	54 7
21	B.A.C. 7550	6	9 56 54	21 35 1.72	20 17 17.0	67 32	70 20N.
31	$\epsilon$ $\mathcal{V}$	4½	2 11 5M.	4 54 18.82	21 22 33.0N.	53 3	90 29
Aug. 1	$\delta$	2	3 32M.	5 45 22.33	23 40 36.7N.	27 53N.	76N. 6N.
12	$\omega^1$ $\eta$	4½	7 3 12A.	15 58 14.34	20 16 3.6S.	72 21	70 36
15	$\psi$ $\uparrow$	5	8 31 23	19 6 33.86	25 30 16.0	33 34	51 9S.
18	$\epsilon$ $\mathcal{V}$	5	4 51 40M.	21 28 53.02	20 7 8.8	34 18	64 9
21	30 $\times$	4½	0 0 58	25 54 27.33	6 49 37.5	48 27	53 5N.
21	33 $\times$	5	1 43 4	23 57 50.66	6 31 33.8	53 21	53 10
23	$\nu$ $\times$	5	3 37 56	1 33 48.76	4 44 42.4N.	44 6	90 2
Sep. 15	$\tau^1$ $\pi$	6	8 24 23A.	22 39 56.77	14 49 35.2S.	61 31N.	75N. 21N.
15	$\tau^2$ $\pi$	6½	9 16 38	22 41 50.59	14 21 48.6	44 35	68 1
18	33 Ceti	6	8 2 15	1 3 2.29	1 40 0.9N.	25 14	68 17S.
20	$\xi^1$ Ceti.	5	4 49 9M.	2 5 15.14	8 9 31.3	61 13	90 24N.
20	38 $\varphi$	6½	9 26 1A.	2 36 59.52	11 49 41.0	39 36	90 1
Oct. 5	$\nu^1$ $\triangle$	5	6 4 1M.	14 58 26.45	15 41 3.1S.	62 55N.	74N. 19N.
6	$\beta^1$ $\eta$	2	6 21 10	15 56 54.20	19 24 0.5	3 3S.	26 44S.
11	$\epsilon$ $\mathcal{V}$	5	6 19 36A.	21 28 52.77	20 7 11.9	18 2N.	47 24
11	$\kappa$ $\mathcal{V}$	5	8 47 14	21 34 28.81	19 31 52.9	6 16	36 35
16	$\nu$ $\times$	5	7 54 6	1 33 49.67	4 44 46.6	59 1	90 19N.
17	$\xi$ $\varphi$	5½	6 43 10	2 16 59.27	9 56 47.0N.	35 31	86 5S.

Day of the Month.	Star's Name.	Magnitude.	Washington Observatory, Mean Time of ap. Conj. in R. A. of Moon and Star.	At the Time of Conjunction.			Limiting Parallels between which the Occult. is visible.
				Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	
Oct. 17	B. A. C. 755	6	h. m. s. 7 44 15A.	h. m. s. 2 18 55.54	° ' " 9 54 14.9N.	50 24N.	90N. 11N.
19	ω <sup>1</sup> ♂	6	11 43 30	4 0 39.17	19 13 9.8	34 32	87 3
21	132 ♂	5	10 15 55	6 40 2.01	24 30 52.4	9 4	54 12S.
23	ε Π	3	0 30 53M.	6 34 55.50	25 16 18.6	17 16	62 1N.
24	κ Π	4	4 4 55	7 35 35.96	24 44 43.0	18 46	68 18.
Nov. 7	ε ♄	5	11 44 19A.	21 26 52.36	29 7 13.8S.	7 19N.	37N. 34S.
10	30 ✕	4½	9 24 13	28 54 27.63	6 49 38.4	42 44	78 1
10	33 ✕	5	11 9 49	23 57 50.98	6 31 34.5	48 16	88 5N.
13	ν ✕	5	2 16 14M.	1 33 49.77	4 44 46.2N.	56 10	90 16
13	ξ <sup>1</sup> Ceti	5	7 5 34A.	2 5 15.74	8 9 33.0	65 23	90 31
17	121 ♂	6	11 45 7	5 26 31.90	23 56 19.4	23 34	70 1
18	132 ♂	5	6 2 54M.	5 40 2.76	24 30 52.6	14 15	58 7S.
19	ε Π	3	7 18 14	6 34 56.39	25 16 17.3	23 16	70 7N.
23	η ♄	3½	6 20 35	9 59 20.64	17 28 28.6	16 59	60 17S.
28	κ ♄	4	4 3 29	14 5 4.28	9 35 22.1S.	23 14	61 21
Dec. 11	ξ <sup>1</sup> Ceti	5	0 56 45M.	2 5 15.71	8 9 32.1N.	63 53N.	90N. 28N.
11	38 ♄	5½	5 51 4A.	2 37 0.32	11 49 42.9	45 41	90 7
13	h	6	2 59 16M.	3 39 8.92	17 14 35.3	56 54	90 29
20	42 ♄	6	8 56 15A.	10 13 58.43	15 42 40.6	46 56	90 11
21	i ♄	6	1 5 17M.	10 24 23.44	14 53 5.0	40 53	90 4
26	μ ♄	5	6 12 10	14 41 17.54	13 32 10.4S.	28 42	64 16S.
27	λ ♄	4	8 50 9	15 44 49.78	19 43 30.6	61 55	70 18N.

*A Table showing the Illuminated Portions of the Disks of Venus and Mars.*

THE numbers in this table are the versed sines of that portion of the disks which, to an observer on the Earth, will appear to be illuminated, the apparent diameters of the planets at the time being considered as unity.

To a spectator on the Earth, Venus appears most brilliant when her elongation is about 40°, and she is approaching her inferior conjunction, or receding from it; in which position she will not be this year. The inferior conjunction will not take place this year. Mars is most brilliant about the time of his opposition to the Sun, being then also nearest the Earth; in which position he will not be this year.

1853.		Venus.	Mars.	1853.		Venus.	Mars.
January	15	0.875	1.000	July	15	0.955	0.954
February	14	0.928	0.999	August	15	0.901	0.938
March	15	0.966	0.996	September	15	0.831	0.921
April	15	0.992	0.989	October	15	0.749	0.906
May	15	1.000	0.980	November	15	0.647	0.898
June	15	0.988	0.968	December	15	0.521	0.906

## ECLIPSES OF THE SATELLITES OF JUPITER IN 1853,

*Visible in the United States, Mean Time, Washington Observatory.*

Date.	Mean Time.	Phase.	Sat.	Date.	Mean Time.	Phase.	Sat.
	d. h. m. s.				d. h. m. s.		
<b>January</b>				<b>May</b>			
4	2 3 19.1M.	Im.	3	15	8 17 23.4M.	Im.	1
4	4 14 12.0	Em.	3	16	8 28 29.8		2
4	9 15 15.4	Im.	1	17	1 45 57.0		1
6	3 43 37.5		1	18	9 14 31.8A.		1
13	5 37 16.7		1	19	9 45 21.1		2
19	1 15 51.3		2	20	5 19 51.5M.		3
20	7 31 53.6		1	24	4 40 4.1		1
26	4 51 54.7		2	25	11 8 40.5A.		1
27	9 24 28.3		1	27	0 19 14.2M.		2
29	3 52 55.2		1	31	6 34 17.2		1
<b>February</b>				<b>June</b>			
2	7 25 46.9M.	Im.	2	2	1 2 55.1M.	Im.	1
5	5 45 28.0		1	3	2 53 19.7		2
12	6 39 59.5		1	3	7 31 25.7A.		1
14	2 8 20.0		1	7	8 28 35.5M.		1
16	1 48 24.1		3	12	6 4 58.2A.	Em.	1
16	4 4 53.7	Em.	3	13	9 21 34.8		2
20	1 49 44.1	Im.	2	16	7 2 15.3M.		1
21	4 1 50.3		1	17	11 45 3.4A.		3
23	5 46 15.6		3	18	1 30 49.8M.		1
27	4 23 4.3		2	19	7 59 30.8A.		1
28	5 55 20.5		1	25	3 25 26.8M.		1
<b>March</b>				25	3 44 43.5		3
2	0 23 45.9M.	Im.	1	26	9 54 9.1A.		1
6	6 56 18.2		2	28	2 31 39.8M.		2
9	2 17 16.2		1	<b>July</b>			
16	4 10 47.1		1	2	5 20 9.1M.	Em.	1
23	6 4 19.6		1	2	7 44 33.5		3
23	11 56 36.9A.	Em.	3	3	11 48 52.6A.		1
24	1 19 6.0M.	Im.	2	5	5 9 5.6M.		2
25	0 32 33.7		1	8	6 24 59.9A.		2
31	1 34 11.8		3	9	7 14 56.7M.		1
31	3 52 9.6		2	11	1 43 41.1		1
31	3 55 45.1	Em.	3	12	7 42 46.4		2
<b>April</b>				12	8 12 21.8A.		1
1	4 26 13.4M.	Im.	1	15	9 0 50.0		2
7	5 31 58.2		3	18	3 36 33.9M.		1
7	6 25 13.4		2	19	10 7 15.5A.		1
7	7 54 24.5	Em.	3	22	11 36 55.1		2
8	4 19 50.7	Im.	1	23	7 45 33.6		3
9	10 43 18.9A.		1	25	5 33 30.1M.		1
14	6 58 19.8M.		2	27	0 2 12.7		1
15	6 13 31.3		1	30	9 8 8.8A.	Im.	3
17	0 42 0.3		1	30	11 45 39.9	Em.	3
17	9 14 54.3		2	<b>August</b>			
22	8 7 15.2		1	1	7 28 29.5M.	Em.	1
24	2 35 45.2		1	3	1 57 12.8		1
25	0 48 7.2		2	4	8 26 1.4A.		1
<b>May</b>				7	3 45 27.7M.		3
1	4 29 34.3M.	Im.	1	10	3 52 15.0		1
2	10 58 0.2A.		1	11	10 21 3.9A.		1
5	9 22 59.5		3	14	5 6 30.6M.	Im.	3
6	11 49 1.5	Em.	3	16	8 44 44.5A.	Em.	2
8	6 23 23.7M.	Im.	1	17	5 47 18.4M.		1
9	5 54 53.7		2	19	0 16 7.4		1
10	0 51 55.8		1	23	11 21 46.1A.		2

Date.	Mean Time.			Phase.	Sat.	Date.	Mean Time.			Phase.	Sat.
d.	h.	m.	s.			d.	h.	m.	s.		
August 26	2	11	11.3M.	Em.	1	October 12	9	7	19.0A.	Em.	1
27	8	39	55.4A.		1	17	7	50	16.0		3
31	1	58	57.6M.		2	19	8	22	32.7		2
September 3	10	34	59.3A.	Em.	1	19	11	2	8.5		1
4	7	47	42.8		3	21	5	30	51.8		1
10	5	55	25.8		2	24	9	1	43.6	Im.	3
11	0	30	2.2M.		1	24	11	50	35.7	Em.	3
11	11	48	17.5A.		3	26	11	0	24.4		2
12	6	58	48.1		1	27	0	56	54.4M.		1
17	8	33	0.4		2	28	7	25	36.5A.		1
18	2	25	3.7M.		1	November 4	9	20	17.8A.	Em.	1
19	1	4	19.9	Im.	3	11	11	14	54.5		1
19	8	53	49.0A.	Em.	1	13	5	35	31.2		2
24	11	9	41.0		2	13	5	43	33.7		1
26	10	48	47.9		1	20	7	38	5.7		1
28	5	17	30.7		1	20	8	13	14.3		2
October 4	0	43	44.1M.	Em.	1	27	9	32	33.2		1
5	7	12	26.4A.		1	27	10	50	52.3		2
12	5	44	41.4		2	29	7	50	42.9		3

The satellites of Jupiter are invisible from the 30th day of November, 1853, until the 21st day of January, 1854, Jupiter being too near the Sun.

*Position and Magnitude of the Rings of Saturn, according to Bessel and Struve, for every Fortieth Day in the Year, at 7 hours in the Morning.*

Mean Time at Washington.		a.	b.	p.	l.	l'.
7h. M.						
1853, January	1	43.55	-14.91	0 32.9	20 1.3	21 39.2
February	10	40.54	14.13	0 37.7	20 24.5	22 3.3
March	22	38.17	13.98	1 3.3	21 29.2	22 26.4
May	1	37.09	14.37	1 41.6	22 47.6	22 48.8
June	10	37.41	15.17	2 23.0	23 55.0	23 10.3
July	20	39.09	16.30	2 57.6	24 38.2	23 31.0
August	29	41.85	17.61	3 16.7	24 53.6	23 50.9
October	8	44.81	18.75	3 14.0	24 44.2	24 9.7
November	17	46.32	19.05	2 52.5	24 16.9	24 27.5
December	27	45.18	18.27	2 29.0	23 51.3	24 44.5
"	31	44.94	18.16	2 27.3	23 50.1	24 46.1

*a* denotes the outer transverse axis of the outer ring.

*b* " " outer conjugate axis of the outer ring, positive when the northern surface is visible, negative when the southern.

*p* " " inclination of the northern semi-conjugate axes of the rings to the circle of declination; + when East, — when West.

*l* " " angle of elevation of the Earth above the plane of the rings, as seen from Saturn; + when North, — when South.

*l'* " " angle of elevation of the Sun above the plane of the rings, as seen from Saturn; + when North, — when South.

The inner semi-transverse axis of the inner ring is *two thirds* of *a*, di-

minished by  $0''.07$ . The inner semi-conjugate axis of the inner ring is *two thirds* of  $b$ , diminished by  $0''.016$ .

The Opposition will take place on the 20th of November.

### ELEMENTS OF THE ECLIPSES OF THE SUN.

1853.	June 6.	November 30.
Greenwich M. Time of $\zeta$ in R.A.	h. m. s. 7 57 58.7	h. m. s. 7 10 14.7
$\odot$ and $\zeta$ 's Right Ascension	4 56 55.16	16 27 17.46
$\zeta$ 's Declination . . . .	N. $22^{\circ} 22' 43.2''$	S. $21^{\circ} 33' 49.1''$
$\odot$ 's Declination . . . .	N. $22^{\circ} 42' 57.6''$	S. $21^{\circ} 44' 56.9''$
$\zeta$ 's Horary Motion in R. A.	31 31.7	39 47.7
$\odot$ 's Horary Motion in R. A.	2 34.8	2 41.9
$\zeta$ 's Horary Motion in Declin.	N. 5 49.3	S. 9 26.5
$\odot$ 's Horary Motion in Declin.	N. 0 15.1	S. 0 23.8
$\zeta$ 's Equatorial Horizon. Par.	54 3.9	61 25.7
$\odot$ 's Equatorial Horizon. Par.	8.5	8.7
$\zeta$ 's True Semidiameter	14 45.7	16 46.3
$\odot$ 's True Semidiameter	15 47.4	16 15.8

### LATITUDE AND LONGITUDE OF THE PRINCIPAL FOREIGN OBSERVATORIES.

[The Longitudes are from Greenwich.]

Observatories.	Latitude.	Longitude in Time.
Altona, . . . . .	$53^{\circ} 32' 45''$ N.	0 39 46.6 E.
Armagh, . . . . .	$54^{\circ} 21' 12.7''$ N.	0 26 35.5 W.
Berlin, . . . . .	$52^{\circ} 31' 13.5''$ N.	0 53 35.5 E.
Brussels, . . . . .	$50^{\circ} 51' 10.7''$ N.	0 17 29.0 E.
Cambridge, . . . . .	$52^{\circ} 12' 51.8''$ N.	0 0 23.5 E.
Cape of Good Hope, . . . .	$33^{\circ} 56' 3''$ S.	1 13 55.0 E.
Copenhagen, . . . . .	$55^{\circ} 40' 53''$ N.	0 50 19.8 E.
Dorpat, . . . . .	$58^{\circ} 22' 47''$ N.	1 46 55 E.
Dublin, . . . . .	$53^{\circ} 23' 13''$ N.	0 25 22 W.
Edinburgh, . . . . .	$55^{\circ} 57' 23.2''$ N.	0 12 43.6 W.
Göttingen, . . . . .	$51^{\circ} 31' 48''$ N.	0 39 46.5 E.
Greenwich, . . . . .	$51^{\circ} 28' 39.0''$ N.	0 0 0.0
Königsberg, . . . . .	$54^{\circ} 42' 50''$ N.	1 22 0.5 E.
Munich, . . . . .	$48^{\circ} 8' 45''$ N.	0 46 26.5 E.
Palermo, . . . . .	$38^{\circ} 6' 44''$ N.	0 53 25.6 E.
Paris, . . . . .	$48^{\circ} 50' 13''$ N.	0 9 21.5 E.
Petersburg, . . . . .	$59^{\circ} 56' 31''$ N.	2 1 15.8 E.
Rome, . . . . .	$41^{\circ} 53' 52''$ N.	0 49 54.7 E.
Turin, . . . . .	$45^{\circ} 4' 6''$ N.	0 30 48.4 E.
Vienna, . . . . .	$48^{\circ} 12' 35''$ N.	1 5 31.9 E.



# LATITUDE AND LONGITUDE OF THE PRINCIPAL PLACES IN THE UNITED STATES, ETC.,

WITH THEIR DISTANCES FROM WASHINGTON.

[The Longitudes are reckoned from Greenwich.]

*The Capitals (Seats of Government) of the States and Territories are designated  
by Italic Letters.*

Place.		Latitude, North.	Longitude, West,		Dist. fr. Wash. Miles.
			in Degrees.	in Time. h. m. s.	
Acapulco, . . . . .	Mex.	16 50 19	99 49 9	6 39 16	
Agua Nueva, . . . . .	Mex.	25 11 43.6			
<i>Albany</i> (Capitol), . . . . .	N. Y.	42 39 3	73 44 49	4 54 59.3	376
Alexandria, . . . . .	Va.	38 49	77 4	5 8 16	6
Amherst (College Chapel), . . . . .	Mass.	42 22 15.6	72 31 28	4 50 6	383
<i>Annapolis</i> (Naval Academy), . . . . .	Md.	38 58 50.1	76 29 26	5 5 57.7	37
Auburn, . . . . .	N. Y.	42 55	76 28	5 5 52	339
Augusta, . . . . .	Ga.	33 28	81 54	5 27 36	580
<i>Augusta</i> (State-House), . . . . .	Me.	44 18 43	69 50	4 39 20	595
Baker's Island (Lights), . . . . .	Mass.	42 32 12	70 47 28	4 43 10	452
Baltimore (Battle Monument), . . . . .	Md.	39 17 23	76 37 30	5 6 30	38
Bangor (Court-House), . . . . .	Me.	44 47 50	68 47	4 35 8	661
Barnstable (New C. H.), . . . . .	Mass.	41 42 6	70 18 34	4 41 14.3	466
Batavia, . . . . .	N. Y.	42 59	78 13	5 12 52	370
Beaufort (Arsenal), . . . . .	S. C.	32 25 57	80 41 23	5 22 45.6	629
Bellevue, Am. Fur Co.'s trad- ing post, right bank of Mis- souri River, . . . . .		38 8 24	95 47 46	6 23 11	
<i>Boston</i> (State-House), . . . . .	Mass.	42 21 22.7	71 4	9 44 16.6	432
Do. (Light), . . . . .		42 19 41.1	70 53 43	4 43 33.9	
Brazos Santiago, . . . . .	Tex.	26 6 0	97 12 0		
Brent's Fort, . . . . .		38 2 38	103 33 15	6 54 13	
Bridgeport (Baptist Ch.), . . . . .	Conn.	41 10 30	73 11 46	4 52 47	284
Bristol (Episcopal Ch.), . . . . .	R. I.	41 40 3	71 17 19	4 45 9.3	409
Brooklyn (Navy Yard), . . . . .	N. Y.	40 41 50	73 59 30	4 55 58	227
Brunswick (College), . . . . .	Me.	43 53 0	69 55 1	4 39 40.1	568
Buffalo, . . . . .	N. Y.	42 53	78 55	5 15 40	376
Burlington, . . . . .	N. J.	40 4 51.6	74 52 37	4 59 30.5	156
Burlington, . . . . .	Vt.	44 27	73 10	4 52 40	440
Cambridge (Observatory), . . . . .	Mass.	42 22 48.6	71 7 30	4 44 32	431
Camden, . . . . .	S. C.	34 17	80 33	5 22 12	467
Canadian River, Head-waters of, . . . . .		37 1 33	104 37 32		
Canandaigua, . . . . .	N. Y.	42 54	77 17	5 9 8	336
Cape Ann (North Light), . . . . .	Mass.	42 38 21	70 34 48	4 42 19.2	470
Do. (South Light), . . . . .		42 38 13	70 34 48	4 42 19.2	
Cape Cod (Light-House), . . . . .	Mass.	42 2 23	70 3 55	4 40 16	507
Cape Island, Lake of the Woods, . . . . .		49 36 42			
Castine, . . . . .	Me.	44 22 30	68 45	4 35	
Cedar Keys, Depot Island, . . . . .		29 7 27	82 56 12		
Charleston (St. Mich.'s Ch.), . . . . .	S. C.	32 46 33	79 57 27	5 19 49.8	544
Charlestown (Navy Yard), . . . . .	Mass.	42 22	71 3 33	4 44 14.2	433

Place.	Latitude, North.	Longitude, West,		Dist. from Wash.
		in Degrees.	in Time.	
	° ' "	° ' "	h. m. s.	Miles.
Chicago, Ill.	42 0 "	87 35 "	5 50 2	763
Cincinnati (Fort Washington), Ohio.	39 5 54	84 27	5 37 48	497
Columbia, S. C.	33 57	81 7	5 24 28	500
Columbus, Ohio.	39 57	83 3	5 32 12	396
Concord (State-House), N. H.	43 12 29	71 29	4 45 56	474
Corpus Christi, Texas.	27 47 17.8	97 27 2		
Dalles of the Columbia, Missionary Station,	45 35 55	120 55		
Dayton, Ohio.	39 44	84 11	5 36 44	
Dedham (1st Cong. Ch.), Mass.	42 14 57	71 10 59	4 44 44	422
Detroit (St. Paul's Ch.), Mich.	42 19 45	83 2 33	5 32 10.2	526
Dorchester (Ast. Observ.), Mass.	42 19 10	71 4 19	4 44 17.3	432
Dover, Del.	39 10	75 30	5 2 0	114
Dover, N. H.	43 13	70 54	4 43 36	490
Easton (Court-House), Md.	38 46 10	76 8	5 4 32	80
Eastport, Me.	44 54	66 56	4 27 44	778
Edenton, N. C.	39 0	77 7	5 28 28	284
Exeter, N. H.	42 58	70 55	4 43 40	474
Falls of St. Anthony, U. S. Cottage,	44 58 40	93 10 30	6 12 42	
Falls of the St. Croix,	45 30 10	92 40 0	6 10 40	
False Washita, Head-waters of,	35 25 41	101 5 0		
Fort Boisé, Oreg.	43 49 22	116 47 3		
Fort Brady, Mich.	46 29 55			
Fort Gibson (old Block-House),	35 47 34.8	95 15 10	6 21 0.4	
Fort Hall,	43 1 30	112 29 54	7 29 56	
Fort Laramie,	42 12 10	104 47 43	6 59 11	
Fort Leavenworth (Landing),	39 21 14	94 44 0	6 18 56	
Fort Nez Percé, Oreg.	46 3 46			
Frankfort, Ky.	38 14	84 40	5 38 40	551
Frederick, Md.	39 24	77 18	5 9 12	43
Fredericksburg, Va.	38 34	77 38	5 10 32	56
Frederickton, N. B.	46 3	66 45	4 27 0	
Georgetown, S. C.	33 21	79 17	5 17 8	482
Gloucester (Univ. Ch.), Mass.	42 36 44	70 40 19	4 42 41.3	462
Do. (E. Point Light),	42 34 49.6	70 40 11	4 42 40.8	466
Do. (Ten Pound Isl. Light),	42 36 4	70 40 17	4 42 41.1	463
Great Salt Lake, Island in,	41 10 42	112 21 5		
Greenfield (2d Cong. Ch.), Mass.	42 35 16	72 36 32	4 50 26.1	396
Hagerstown, Md.	39 37	77 35	5 10 20	68
Halifax, N. S.	44 39 20	63 36 40	4 14 26.7	936
Hallowell, Me.	44 17	69 50	4 39 30	593
Harrisburg, Pa.	40 16	76 50	5 7 20	110
Hartford (State-House), Conn.	41 45 59	72 40 45	4 50 43	335
High Plateau between waters of Atlantic and Gulf of Cal.,	42 2 3	107 3 0		
Holmes's Hole (Windmill), Mass.	41 27 15	70 36 38	4 42 26.5	457
Hudson, N. Y.	42 14	73 46	4 55 4	345
Hudson (Reserve Coll.), Ohio.	41 14 42	81 24 54	5 25 39.6	
Huntsville, Ala.	34 36	86 57	5 47 48	726
Indianapolis, Ind.	39 55	86 5	5 44 20	573
Ipswich (Eastern Light), Mass.	42 41 8	70 46 17	4 43 5	462

Place.		Latitude, North.	Longitude, West, in Degrees.	in Time.	Dist. fro Wash.
				<small>h. m. s.</small>	<small>Miles.</small>
Ipswich (Western Light), .	Mass.	42 41 8	70 46 34	4 43 6.	
Jackson, . . . . .	Miss.	32 23	90 8	6 0 32	1035
Jalapa, . . . . .	Mex.	19 30 8	96 54 30	6 27 38	
Jefferson, . . . . .	Mo.	38 36	92 8	6 8 32	980
Kansas River, Mouth of, .		39 6 3	94 32 54	6 18 11.6	
Key West (S. W. Pt.), . .	Fa.	24 32	81 47 30	5 27 10	
Kingston, . . . . .	C. W.	44 8	76 40	5 6 40	456
Knoxville, . . . . .	Tenn.	35 59	83 54	5 35 36	516
Lancaster, . . . . .	Pa.	40 2 36	76 20 33	5 5 22.2	109
La Vaca, . . . . .	Tex.	28 37 0			
Lexington, . . . . .	Ky.	38 6	84 18	5 37 12	534
Little Rock, . . . . .	Ark.	34 40	92 12	6 8 48	1068
Lockport, . . . . .	N. Y.	43 11	78 46	5 15 4	403
Louisville, . . . . .	Ky.	38 3	85 30	5 42 0	590
Lowell (St. Ann's Ch.), .	Mass.	42 38 46	71 19	24 45 16	439
Lynchburg, . . . . .	Va.	37 36	79 22	5 17 28	198
Lynn Church, . . . . .	Mass.	42 27 51	70 57 25	4 43 50	441
Machias Bay, . . . . .	Me.	44 33	67 22	4 29 28	
Marblehead, . . . . .	Mass.	42 30 24	70 51 24	4 43 25.6	450
Do. (Light), . . . . .		42 30 14	70 50 39	4 43 22.6	448
Mexico, City of, . . . . .	Mex.	19 25 45	99 5	66 36 20	
Middletown (Wesl. Univ.),	Conn.	41 33 8	72 39	4 50 36	325
Milledgeville, . . . . .	Ga.	33 7 20	83 19 45	5 33 19.0	642
Milwaukee, . . . . .	Wisc.	43 3 45	87 57		700
Missouri River, Mouth of,		38 51 36	90 0 40		
Mobile, . . . . .	Ala.	30 41 48	87 59	5 51 56	1033
Monclova, . . . . .	Mex.	26 54 0	101 39 18	6 46 37.2	
Monomoy Point Light, . .	Mass.	41 33 35	69 59 56	4 40 0	500
Montpelier, . . . . .	Vt.	44 17	72 36	4 50 24	524
Monterey, . . . . .	Mex.	25 40 13	100 25 36		
Monterey, . . . . .	Cal.	36 36 24	121 52 25	8 7 29	
Montreal, . . . . .	C. E.	45 31	73 35	4 54 20	601
Nantucket (South Tower),	Mass.	41 16 56	70 6 12	4 40 24.8	490
Nashville (University), . .	Tenn.	36 9 33	86 49 35	47 16.2	714
Natchez (Fort Panmure),	Miss.	31 34	91 24 42	6 5 38.8	1146
Nebraska or Platte River, Junction of North and South Forks,		41 5 5	101 21 24	6 45 25.6	
Newark, . . . . .	N. J.	40 45	74 10	4 56 40	215
New Bedford (Mariners' Ch.),	Mass.	41 38 7	70 55 49	4 43 43.3	429
Newbern, . . . . .	N. C.	35 20	77 5	5 8 20	337
Newburg, . . . . .	N. Y.	41 31	74 1	4 56 4	282
Newburyport (2d Presb. Ch.),	Mass.	42 48 32	70 52 47	4 43 31.1	466
Do. (Light), . . . . .		42 48 30	70 49 6	4 42 18.0	469
Newcastle, . . . . .	Del.	39 40	75 33	5 2 8	103
New Haven (College), . . .	Conn.	41 18 23	72 56 45	4 51 47	301
New London, . . . . .	Conn.	41 22	72 9	4 48 36	354
New Orleans (City Hall), .	La.	29 57 30	90	6 0	1203
Newport (Court-House), . .	R. I.	41 29	71 19 12	4 45 16.8	403
New York (City Hall), . .	N. Y.	40 42 40	74 1	84 56 4.5	226
Nobsque Point Light, . . .	Mass.	41 30 57	70 39 37	4 42 38.5	450
Norfolk (Farmers' Bank), .	Va.	36 50 50	76 18 47	5 15.1	217

Place.		Latitude, North.	Longitude, West, in Degrees. in Time.		Dist. from. Wash.
		° ' "	° ' "	h. m. s.	Miles.
Northampton (1st Cong. Ch.),	Mass.	42 19 9	72 38 15	4 50 33.2	376
Norwich, . . . . .	Conn.	41 33	72 7	4 48 28	362
Parras, . . . . .	Mex.	25 25			
Pass Washington, . . . . .		36 3 22	108 56 0	7 15 44	
Pensacola, . . . . .	Fa.	30 24	87 10 12	5 48 40.8	1050
Perote, . . . . .	Mex.	19 28 57	97 8 15	6 28 33	
Petersburg, . . . . .	Va.	37 13 54	77 20	5 9 20	144
Philadelphia (Ind'ce Hall),	Pa.	39 56 59	75 9 54	5 0 39.6	136
Do. (High School Obs.),		39 57 9	75 10 37	5 0 42.5	
Pittsburg, . . . . .	Pa.	40 32	80 2	5 20 8	223
Pittsfield (1st Cong. Ch.),	Mass.	42 26 55	73 15 36	4 53 2.3	380
Platte River, Mouth of,		41 3 13			
Do. Junc. of N. & S. Forks,		41 5 5	101 21 24	6 45 25.6	
Plattsburg, . . . . .	N. Y.	44 42	73 26	4 53 44	539
Plymouth (Court-House),	Mass.	41 57 26	70 40 19	4 42 41.3	439
Point Conception, . . . . .		34 26 56.3	120 25 40		
Pointa Loma, . . . . .		32 39 30.6	117 15 7		
Popocatepetl, . . . . .	Mex.	18 59 47	98 37 3	6 33 48	
Portland (Mount Joy), . . . . .	Me.	43 39 52	70 13 34	4 40 54.2	542
Do. (Light), . . . . .		43 36	70 12 12	4 40 49	
Portsmouth (Unitarian Ch.),	N. H.	43 4 35	70 45 50	4 43 3.3	491
Do. (Light), . . . . .		43 3 30	70 43	4 42 52	
Poughkeepsie, . . . . .	N. Y.	41 41	73 55	4 55 40	301
Prairie du Chien, Am. Fur Co's. House, . . . . .	Min.	43 3 6	91 9 19	6 4 37.3	
Princeton (Nassau Hall), . . . . .	N. J.	40 20 41	74 39 30	4 58 38	177
Providence (University Hall),	R. I.	41 49 22	71 24 48	4 45 39.2	394
Puebla de los Angeles, . . . . .	Mex.	19 0 15	98 2 21	6 32 9	
Quebec (Citadel), . . . . .	C. E.	46 49 12	71 16	4 45 4	781
Racine, . . . . .	Wis.	42 49 33	87 40 22		
Raleigh, . . . . .	N. C.	35 47	78 48	5 15 12	286
Remedios, de los, Harbor, . . . . .		57 24 15	135 53 41	9 3 34	
Richmond (Capitol), . . . . .	Va.	37 32 17	77 27 28	5 9 49.9	122
Rochester (Rochester House),	N. Y.	43 8 17	77 51	5 11 24	361
Sabine River, entrance of South or outer extremity of Bar,	Tex.	29 40 48	93 49 3		
Sable (Cape), . . . . .	Fa.	24 50	81 15	5 25 0	
Sackett's Harbor, . . . . .	N. Y.	43 55	75 57	5 3 48	407
Saco, . . . . .	Me.	43 31	70 26	4 41 44	528
Sacramento City, . . . . .	Cal.	38 34 42	120 nearly.		
St. Augustine, . . . . .	Fa.	29 48 30	81 35	5 26 20	841
St. Croix River, Mouth of,		44 45 30	92 45 0	6 11 5	
St. Joseph, . . . . .		23 3 13	109 40 44	7 18 43	
St. Louis, . . . . .	Mo.	38 37 28	90 15 16	6 1 0.7	856
St. Paul, . . . . .	Min.	44 52 46	93 4 54		
St. Peter's River, Mouth of,		44 52 46	93 4 54	6 12 19.6	
St. Vrain's Fort, . . . . .		40 16 52	105 12 23		
Salem (E. I. M. Hall), . . . . .	Mass.	42 31 18	70 53 53	4 43 35.5	446
Saltillo, . . . . .	Mex.	25 26 22	101 1 45	6 44 7	
San Antonio, . . . . .	Tex.	29 25 22	98 29 15		
San Blas, Arsenal, . . . . .		21 32 34	105 15 24	7 1 1	
San Diego, Public Square,		32 45 0	117 11 0	7 48 44	

Place.		Latitude, North.	Longitude, West, in Degrees.			Dist. from Wash.
			°	'	h. m. s.	Miles.
Sandwich (1st Cong. Ch.),	Mass.	41 45 31	70 30 13	4 42 0.8		456
San Francisco, (Spanish Fort,)	Cal.	37 48 30	122 28 28	9 52		
Santa Fé,	N. M.	35 41 6				
Savannah (Exchange),	Ga.	32 4 56	81 8 18	5 24 33.2		662
Schenectady,	N. Y.	42 48	73 55	4 55 40		391
Snake River, above Amer. Falls,		42 47 5	112 40 13			
Springfield,	Ill.	39 48	89 33	5 58 12		801
Springfield (Court-House),	Mass.	42 6 4	72 35 45	4 50 23		357
Squam Harbor (Light),	Mass.	42 39 46	70 41 8	4 42 44.5		466
Straitsmouth Island (Light),	Mass.	42 39 41	70 35 36	4 42 22.4		471
Stratford,	Conn.	41 11 7	73 8 45	4 52 35		287
Sweet Water River, N. Fork of Platte River, Mouth of,		42 27 18	107 45 27	7 11 1.8		
Tallahassee,	Fa.	30 28	84 36	5 38 24		896
Tampico, Bar,	Mex.	22 15 30	97 51 51	6 31 27		
Taunton (Trin. Cong. Ch.),	Mass.	41 54 11	71 5 55	4 44 23.6		415
Tlamath Lake,		42 56 51				
Toronto or York (Observ.),	C. W.	43 39 35	79 21 30	5 17 26		500
Trenton,	N. J.	40 14	74 46 30	4 58 36		166
Trinity Bay,	Oreg.	40 5 50				
Troy,	N. Y.	42 44	73 40	4 54 40		383
Tuscaloosa,	Ala.	33 12	87 42	5 50 48		858
University of Virginia,	Va.	38 2 3	78 31 29	5 14 5.9		124
Utica (Dutch Church),	N. Y.	43 6 49	75 13	5 0 52		383
Vandalia,	Ill.	38 50	89 2	5 56 8		781
Vera Cruz,	Mex.	19 11 52	96 8 36	6 24 34		
Vevay,	Ind.	38 46	84 59	5 39 56		556
Victoria,	Tex.	28 46 57				
Vincennes,	Ind.	38 43	87 25	5 49 40		693
WASHINGTON (Capitol),	D. C.	38 53 34	77 1 30	5 8 6		
Do. (Observatory),		38 53 32.8	77 3	5 8 12		
Washington,	Miss.	31 36	91 20	6 5 20		1146
West Point (Military Academy),	N. Y.	41 23 31.2	73 57 31	4 55 50.1		
Wheeling,	Va.	40 7	80 42	5 22 48		264
Williamstown (Cong. Ch.),	Mass.	42 42 49	73 13 10	4 52 52.6		406
Wilmington,	Del.	39 41	75 28	5 1 52		108
Wilmington,	N. C.	34 11	78 10	5 12 40		416
Worcester (Ant. Hall),	Mass.	42 16 17	71 48 13	4 47 13.3		394
York,	Me.	43 10 0	70 40	4 42 40		500
York,	Pa.	39 58	76 40	5 6 40		87
Yorktown,	Va.	37 13	76 34	5 6 16		

## At Apparent Noon at Greenwich.

JANUARY.				FEBRUARY.			
D.	Semidiam.	S. D. culm.	Horizontal Parallax.	D.	Semidiam.	S. D. culm.	Horizontal Parallax.
	' "	m. s.			' "	m. s.	
1	16 18.3	1 11.06	Horizontal Parallax. 1st, 8.72" 11th, 8.72" 21st, 8.71" 31st, 8.70"	2	16 15.6	1 8.11	Horizontal Parallax. 10th, 8.69" 20th, 8.67"
3	18.2	10.97		4	15.2	7.98	
5	18.2	10.88		6	14.9	7.65	
7	18.1	10.79		8	14.6	7.42	
9	18.0	10.58		10	14.2	7.20	
11	17.9	10.41	Obliquity of the Ecliptic. 1st, 23° 27' 30.47" 11th, 20.64" 21st, 30.87" 31st, 31.12"	12	13.8	6.98	Obliquity of the Ecliptic. 10th, 31.39" 20th, 31.64"
13	17.8	10.25		14	13.4	6.76	
15	17.7	10.07		16	13.0	6.56	
17	17.5	9.88		18	12.6	6.36	
19	17.4	9.67		20	12.2	6.17	
21	17.2	9.46		22	11.7	5.98	
23	17.0	9.24		24	11.3	5.80	
25	16.8	9.03		26	10.8	5.63	
27	16.6	8.80		28	10.3	5.47	
29	16.3	8.57		30	9.8	5.32	
31	15.9	8.34					
D.	Declination South.	Equa. of Time to be added to Appar. Time.	Sidereal Time at mean noon.	D.	Declination South.	Equa. of Time to be added to Appar. Time.	Sidereal Time at mean noon.
	° ' "	m. s.	h. m. s.		° ' "	m. s.	h. m. s.
1	23 59 45.7	3 58.59	18 44 11.58	1	17 1 51.2	13 56.55	20 46 24.55
2	22 54 27.0	4 26.73	18 48 8.14	2	16 44 32.7	14 3.86	20 50 21.40
3	22 48 40.9	4 54.53	18 52 4.70	3	16 26 56.7	14 10.35	20 54 17.96
4	22 42 37.7	5 21.96	18 56 1.25	4	16 9 3.5	14 16.05	20 58 14.51
5	22 35 47.4	5 48.99	18 59 57.81	5	15 50 53.5	14 20.95	21 2 11.07
6	22 28 40.2	6 15.57	19 3 54.37	6	15 32 27.2	14 25.05	21 6 7.62
7	22 21 6.4	6 41.69	19 7 50.93	7	15 13 45.1	14 28.34	21 10 4.18
8	22 13 6.2	7 7.31	19 11 47.49	8	14 54 47.5	14 30.84	21 14 0.73
9	22 4 39.8	7 32.41	19 15 44.04	9	14 35 34.9	14 32.54	21 17 57.29
10	21 55 47.6	7 56.95	19 19 40.60	10	14 16 7.6	14 33.45	21 21 53.84
11	21 46 29.6	8 20.90	19 23 37.16	11	13 56 26.1	14 33.58	21 25 50.40
12	21 36 46.2	8 44.25	19 27 33.72	12	13 36 31.0	14 32.98	21 29 46.98
13	21 26 37.8	9 6.96	19 31 30.27	13	13 16 22.5	14 31.50	21 33 43.51
14	21 16 4.5	9 29.00	19 35 26.83	14	12 56 1.1	14 29.30	21 37 40.06
15	21 5 6.7	9 50.36	19 39 23.39	15	12 35 27.4	14 26.35	21 41 36.62
16	20 53 44.8	10 11.02	19 43 19.94	16	12 14 41.7	14 22.66	21 45 33.17
17	20 41 59.0	10 30.96	19 47 16.50	17	11 53 44.3	14 18.23	21 49 29.72
18	20 29 49.7	10 50.16	19 51 13.06	18	11 32 35.8	14 13.09	21 53 26.28
19	20 17 17.2	11 8.61	19 55 9.61	19	11 11 16.5	14 7.25	21 57 22.83
20	20 4 21.9	11 26.29	19 59 6.17	20	10 49 46.9	14 0.72	22 1 19.39
21	19 51 4.2	11 43.19	20 3 2.73	21	10 28 7.4	13 53.52	22 5 15.94
22	19 37 24.4	11 59.30	20 6 59.28	22	10 6 18.3	13 45.67	22 9 12.50
23	19 23 22.9	12 14.68	20 10 55.84	23	9 44 20.1	13 37.20	22 13 9.06
24	19 8 59.9	12 29.17	20 14 52.40	24	9 22 13.1	13 28.12	22 17 5.60
25	18 54 15.9	12 42.90	20 18 48.95	25	8 59 57.7	13 18.45	22 21 2.16
26	18 39 11.3	12 55.88	20 22 45.51	26	8 37 34.2	13 8.22	22 24 58.71
27	18 23 46.4	13 7.96	20 26 42.07	27	8 15 3.1	12 57.44	22 28 55.26
28	18 8 1.7	13 19.28	20 30 38.62	28	7 52 24.8	12 46.13	22 32 51.88
29	17 51 57.4	13 29.80	20 34 35.18	29	7 29 39.6	12 34.31	22
30	17 35 33.9	13 39.52	20 38 31.73				
31	17 18 21.5	13 48.44	20 42 28.28				

## At Apparent Noon at Greenwich.

MARCH.					APRIL.				
D.	Semidiurn.	S. D. culm.	Horizontal Parallax.		D.	Semidiurn.	S. D. culm.	Horizontal Parallax.	
	<i>h m</i>	<i>m. s.</i>	<i>8.65</i> <i>12th, 8.63</i> <i>22d, 8.61</i>	Obliquity of the Ecliptic. <i>2d, 31' 85"</i> <i>12th, 32.00</i> <i>22d, 32.10</i>		<i>h m</i>	<i>m. s.</i>	<i>8.58</i> <i>11th, 8.55</i> <i>31st, 8.53</i>	Obliquity of the Ecliptic. <i>1st, 32' 12"</i> <i>11th, 32.09</i> <i>31st, 32.02</i>
2	16 9.8	1 5.32			1	16 1.7	1 4.49		
4	9.3	5.18			3	1.1	4.52		
6	8.8	5.06			5	0.6	4.57		
8	8.2	4.96			7	0.0	4.63		
10	7.7	4.84			9	15 59.5	4.70		
12	7.2	4.74			11	58.9	4.78		
14	6.6	4.66			13	58.4	4.87		
16	6.1	4.60			15	57.9	4.98		
18	5.6	4.54			17	57.4	5.09		
20	5.1	4.50	19	56.9	5.21				
22	4.5	4.47	21	56.3	5.34				
24	4.0	4.45	23	55.8	5.47				
26	3.4	4.44	25	55.3	5.61				
28	2.8	4.45	27	54.8	5.75				
30	2.3	4.46	29	54.3	5.90				
32	1.7	4.49	31	53.8	6.05				
D.	Declination South.	Eq. of Time to be added to Appar. Time.	Sidereal Time at mean noon.		D.	Declination North.	Eq. of Time to be added to Ap. Time till 16th.	Sidereal Time at mean noon.	
	<i>o i n</i>	<i>m. s.</i>	<i>h. m. s.</i>			<i>o i n</i>	<i>m. s.</i>	<i>h. m. s.</i>	
1	7 29 39.6	12 34.31	22 36 48.37	1	4 37 23.2	3 55.37	0 39 1.51		
2	7 6 47.9	12 22.01	22 40 44.92	2	5 0 27.6	3 37.13	0 42 58.07		
3	6 43 50.1	12 9.24	22 44 41.48	3	5 23 26.8	3 19.14	0 46 54.62		
4	6 20 46.5	11 56.02	22 48 38.03	4	5 46 20.5	3 1.32	0 50 51.17		
5	5 57 37.7	11 42.36	22 52 34.58	5	6 9 8.2	2 43.67	0 54 47.72		
6	5 34 23.9	11 28.36	22 56 31.14	6	6 31 49.7	2 26.23	0 58 44.28		
7	5 11 5.5	11 13.81	23 0 27.69	7	6 54 24.6	2 8.98	1 2 40.83		
8	4 47 43.0	10 58.96	23 4 24.24	8	7 16 52.5	1 51.97	1 6 37.38		
9	4 24 16.6	10 43.74	23 8 20.80	9	7 39 13.1	1 35.20	1 10 33.94		
10	4 0 46.9	10 28.17	23 12 17.35	10	8 1 25.9	1 18.68	1 14 30.49		
11	3 37 14.3	10 12.26	23 16 13.90	11	8 23 30.7	1 2.43	1 18 27.04		
12	3 13 39.2	9 56.03	23 20 10.45	12	8 45 27.0	0 46.46	1 22 23.60		
13	2 50 1.9	9 39.51	23 24 7.01	13	9 7 14.5	0 30.78	1 26 20.15		
14	2 26 23.8	9 22.70	23 28 3.56	14	9 28 52.9	0 15.41	1 30 16.71		
15	2 2 42.3	9 5.63	23 32 0.11	15	9 50 21.8	+ 0 0.37	1 34 13.26		
16	1 39 0.9	8 48.30	23 35 56.67	16	10 11 40.8	- 0 14.34	1 38 9.81		
17	1 16 18.9	8 30.74	23 39 53.22	17	10 32 49.6	0 28.69	1 42 6.37		
18	0 51 36.6	8 12.98	23 43 49.77	18	10 53 47.9	0 42.67	1 46 2.92		
19	0 27 54.5	7 55.04	23 47 46.32	19	11 14 35.4	0 56.37	1 49 59.48		
20	S. 0 4 13.0	7 36.98	23 51 42.88	20	11 35 11.7	1 9.47	1 53 56.03		
21	N. 0 19 27.8	7 18.67	23 55 39.43	21	11 55 36.6	1 22.26	1 57 52.58		
22	0 43 7.3	7 0.30	23 59 35.98	22	12 15 49.7	1 34.61	2 1 49.14		
23	1 6 45.2	6 41.83	0 3 32.54	23	12 35 50.6	1 46.52	2 5 45.69		
24	1 30 21.4	6 23.30	0 7 29.09	24	12 55 39.3	1 57.96	2 9 42.25		
25	1 53 55.3	6 4.71	0 11 25.64	25	13 15 15.3	2 8.92	2 13 38.80		
26	2 17 26.6	5 46.11	0 15 22.19	26	13 34 38.2	2 19.39	2 17 35.36		
27	2 40 55.1	5 27.50	0 19 18.75	27	13 53 47.8	2 29.35	2 21 31.91		
28	3 4 20.4	5 8.91	0 23 15.30	28	14 12 43.9	2 38.79	2 25 28.47		
29	3 27 42.2	4 50.38	0 27 11.86	29	14 31 26.0	2 47.69	2 29 25.02		
30	3 51 0.3	4 31.92	0 31 8.41	30	14 49 54.0	2 56.06	2 33 21.58		
31	4 14 14.0	4 12.54	0 35 4.98	31	15 8 27.8	3 3.02	2 37 18.13		

• *At Apparent Noon at Greenwich.*

MAY.					JUNE.				
D.	Semidiam.	S. D. culm.			D.	Semidiam.	S. D. culm.		
	<i>l</i> <i>n</i>	m. s.				<i>l</i> <i>n</i>	m. s.		
1	15 53.8	16.05			2	15 47.9	1 8.46		
3	53.4	6.21			4	47.6	8.56		
5	52.9	6.36			6	47.4	8.65		
7	52.5	6.53			8	47.2	8.73		
9	52.0	6.69			10	47.0	8.80		
11	51.6	6.86			12	46.8	8.86		
13	51.2	7.03			14	46.7	8.91		
15	50.8	7.19			16	46.5	8.94		
17	50.5	7.35			18	46.4	8.97		
19	50.1	7.51			20	46.3	8.97		
21	49.8	7.66			22	46.2	8.96		
23	49.4	7.82			24	46.1	8.94		
25	49.1	7.96			26	46.0	8.90		
27	48.8	8.10			28	46.0	8.86		
29	48.5	8.23			30	45.9	8.80		
31	48.2	8.35			32	45.9	8.73		

D.	Declination North.	Eq. of Time to be subtr. fr. Appar. Time.	Sidereal Time at mean noon.	D.	Declination North.	Eq. of T. to be subtr. fr. Ap. Time till 15th.	Sidereal Time at mean noon.
	<i>o</i> <i>l</i> <i>n</i>	m. s.	h. m. s.		<i>o</i> <i>l</i> <i>n</i>	m. s.	h. m. s.
1	15 8 7.5	3 3.87	2 37 18.13	1	22 5 15.5	2 31.00	4 39 31.38
2	15 26 6.2	3 11.11	2 41 14.69	2	22 13 10.3	2 21.79	4 43 27.94
3	15 43 49.7	3 17.81	2 45 11.24	3	22 20 41.9	2 12.19	4 47 24.50
4	16 1 17.7	3 23.93	2 49 7.80	4	22 27 50.1	2 2.19	4 51 21.05
5	16 18 29.9	3 29.49	2 53 4.35	5	22 34 34.9	1 51.84	4 55 17.61
6	16 35 26.0	3 34.47	2 57 0.91	6	22 40 56.0	1 41.16	4 59 14.17
7	16 52 5.6	3 38.98	3 0 57.46	7	22 46 53.2	1 30.16	5 3 10.73
8	17 8 28.5	3 42.71	3 4 54.02	8	22 52 26.5	1 18.87	5 7 7.28
9	17 24 34.2	3 46.97	3 8 50.58	9	22 57 35.6	1 7.32	5 11 3.84
10	17 40 22.6	3 48.66	3 12 47.13	10	23 2 20.5	0 55.54	5 15 0.40
11	17 55 53.2	3 50.79	3 16 43.69	11	23 6 41.0	0 43.54	5 18 56.96
12	18 11 5.7	3 52.34	3 20 40.24	12	23 10 37.1	0 31.34	5 22 53.52
13	18 26 59.9	3 53.34	3 24 36.80	13	23 14 8.6	0 18.99	5 26 50.07
14	18 40 35.4	3 53.79	3 28 33.36	14	23 17 15.6	— 0 6.49	5 30 46.63
15	18 54 52.0	3 53.67	3 32 29.91	15	23 19 57.9	+ 0 6.13	5 34 43.19
16	19 8 49.4	3 53.01	3 36 26.47	16	23 22 15.4	0 18.84	5 38 39.76
17	19 23 27.3	3 51.81	3 40 23.02	17	23 24 8.2	0 81.62	5 42 36.31
18	19 35 45.4	3 50.06	3 44 19.58	18	23 25 36.3	0 44.47	5 46 32.86
19	19 48 43.5	3 47.77	3 48 16.14	19	23 26 39.5	0 57.35	5 50 29.42
20	20 1 21.4	3 44.94	3 52 12.69	20	23 27 18.0	1 10.24	5 54 25.98
21	20 13 38.8	3 41.58	3 56 9.25	21	23 27 31.7	• 1 23.13	5 58 22.54
22	20 25 35.5	3 37.69	4 0 5.81	22	23 27 20.6	1 35.99	6 2 19.10
23	20 37 11.3	3 33.26	4 4 2.37	23	23 26 44.7	1 48.81	6 6 15.66
24	20 48 25.8	3 28.38	4 7 58.92	24	23 25 44.1	2 1.57	6 10 12.21
25	20 59 19.1	3 23.97	4 11 55.48	25	23 24 18.7	2 14.25	6 14 8.77
26	21 9 50.7	3 18.90	4 15 52.04	26	23 22 28.7	2 26.93	6 18 5.33
27	21 20 0.5	3 10.48	4 19 48.59	27	23 20 14.1	2 39.27	6 22 1.89
28	21 29 48.3	3 3.48	4 23 45.15	28	23 17 34.9	2 51.56	6 25 58.45
29	21 39 13.9	2 56.06	4 27 41.71	29	23 14 31.3	3 3.72	6 29 55
30	21 48 17.1	2 48.14	4 31 38.26	30	23 11 3.1	3 15.67	6 33
31	21 56 57.7	2 39.79	4 35 34.82	31	23 7 10.5	3 27.41	6 37



## At Apparent Noon at Greenwich.

JULY.					AUGUST.				
D.	Semidiam.	S. D. culm.	Horizontal Parallax.	Obliquity of the Ecliptic.	D.	Semidiam.	S. D. culm.	Horizontal Parallax.	Obliquity of the Ecliptic.
	<i>l</i> <i>n</i>	<i>m.</i> <i>s.</i>				<i>l</i> <i>n</i>	<i>m.</i> <i>s.</i>		
2	15 45.9	1 8.73	$\frac{8.44}{10^h, 8.44}$ $\frac{8.45}{20^h, 8.44}$ $\frac{8.45}{30^h, 8.45}$	$\frac{31.90}{27^h, 32.10}$ $\frac{32.10}{28^h, 32.33}$	1	15 47.9	1 6.63	$\frac{8.46}{9^h, 8.46}$ $\frac{8.48}{19^h, 8.48}$ $\frac{8.50}{29^h, 8.50}$	$\frac{32.58}{27^h, 32.83}$ $\frac{32.83}{28^h, 33.05}$
4	45.9	8.65			3	48.3	6.45		
6	45.9	8.55			5	48.4	6.38		
8	46.0	8.45			7	48.7	6.11		
10	46.1	8.33			9	49.1	5.95		
12	46.2	8.21			11	49.4	5.78		
14	46.3	8.08			13	49.8	5.62		
16	46.4	7.94			15	50.1	5.46		
18	46.5	7.79			17	50.5	5.31		
20	46.7	7.64			19	50.9	5.16		
22	46.9	7.48	10 <sup>h</sup> , 20 <sup>h</sup> , 30 <sup>h</sup> .	9 <sup>h</sup> , 19 <sup>h</sup> , 29 <sup>h</sup> .	21	51.3	5.02	9 <sup>h</sup> , 19 <sup>h</sup> , 29 <sup>h</sup> .	32.58 32.83 33.05
24	47.0	7.31			23	51.7	4.89		
26	47.2	7.14			25	52.1	4.77		
28	47.4	6.97			27	52.5	4.65		
30	47.7	6.80			29	53.0	4.54		
32	47.9	6.63			31	53.4	4.45		
D.	Declination North.	Equa. of Time to be added to Appar. Time.	Sidereal Time at mean noon.		D.	Declination North.	Equa. of Time to be added to Appar. Time.	Sidereal Time at mean noon.	
	<i>o</i> <i>i</i> <i>n</i>	<i>m.</i> <i>s.</i>	<i>h.</i> <i>m.</i> <i>s.</i>			<i>o</i> <i>i</i> <i>n</i>	<i>m.</i> <i>s.</i>	<i>h.</i> <i>m.</i> <i>s.</i>	
1	23 7 10.5	3 27.41	6 37 48.12	1	18 0 8.3	6 0.26	8 40 1.39		
2	23 2 53.8	3 38.92	6 41 44.68	2	17 44 50.1	5 56.48	8 43 57.95		
3	23 58 12.9	3 50.17	6 45 41.24	3	17 29 14.6	5 52.11	8 47 54.50		
4	22 53 7.9	4 1.12	6 49 37.79	4	17 13 22.0	5 47.15	8 51 51.06		
5	22 47 39.0	4 11.77	6 53 34.35	5	16 57 12.5	5 41.58	8 55 47.62		
6	22 41 46.3	4 22.09	6 57 30.91	6	16 40 46.5	5 35.42	8 59 44.17		
7	22 35 29.9	4 32.06	7 1 27.47	7	16 24 4.4	5 28.65	9 3 40.73		
8	22 28 50.0	4 41.64	7 5 24.02	8	16 7 6.4	5 21.29	9 7 37.28		
9	22 21 46.3	4 50.93	7 9 20.58	9	15 49 52.8	5 13.34	9 11 33.84		
10	22 14 20.3	4 59.58	7 13 17.14	10	15 32 24.1	5 4.78	9 15 30.39		
11	22 6 31.0	5 7.89	7 17 13.70	11	15 14 40.4	4 55.64	9 19 26.95		
12	21 58 18.8	5 15.73	7 21 10.25	12	14 56 42.3	4 45.91	9 23 23.51		
13	21 49 44.0	5 23.11	7 25 6.81	13	14 38 29.8	4 35.61	9 27 20.06		
14	21 40 46.8	5 29.98	7 29 3.37	14	14 20 3.5	4 24.75	9 31 16.62		
15	21 31 27.4	5 36.35	7 32 59.93	15	14 1 23.4	4 13.35	9 35 13.17		
16	21 21 46.1	5 42.20	7 36 56.48	16	13 43 30.1	4 1.39	9 39 9.72		
17	21 11 43.0	5 47.52	7 40 53.04	17	13 23 23.8	3 48.89	9 43 6.28		
18	21 1 18.4	5 52.30	7 44 49.60	18	13 4 4.9	3 35.89	9 47 2.83		
19	20 50 32.5	5 56.54	7 48 46.16	19	12 44 33.4	3 22.39	9 50 59.39		
20	20 39 25.6	6 0.24	7 52 42.71	20	12 24 50.0	3 8.41	9 54 55.94		
21	20 27 57.8	6 3.37	7 56 39.27	21	12 4 54.7	2 53.95	9 58 52.50		
22	20 16 9.5	6 5.94	8 0 35.83	22	11 44 47.9	2 39.05	10 2 49.06		
23	20 4 0.8	6 7.96	8 4 32.38	23	11 24 29.9	2 23.72	10 6 45.61		
24	19 51 32.0	6 9.40	8 8 28.94	24	11 4 1.0	2 7.96	10 10 42.16		
25	19 38 43.4	6 10.27	8 12 25.50	25	10 43 21.5	1 51.81	10 14 38.72		
26	19 25 35.1	6 10.68	8 16 22.05	26	10 22 31.8	1 35.27	10 18 35.27		
27	19 12 7.5	6 10.31	8 20 18.61	27	10 1 31.9	1 18.37	10 22 31.92		
28	18 58 20.7	6 9.47	8 24 15.17	28	9 40 22.4	1 1.10	10 26 28.36		
29	18 44 15.9	6 8.04	8 28 11.72	29	9 19 3.5	0 43.48	10 30 24.93		
30	18 29 51.1	6 6.03	8 32 8.28	30	8 57 35.6	0 25.54	10 34 21.49		
31	18 15 5.7	6 3.44	8 36 4.84	31	8 35 50.0	0 7.00	10 38 18.04		

*At Apparent Noon at Greenwich.*

SEPTEMBER.				OCTOBER.			
D.	Semidiam.	S. D. culm.		D.	Semidiam.	S. D. culm.	
2	15 53.9	1 4.37	Horizontal Parallax. 8th, 8.63 18th, 8.64 28th, 8.67	2	16 1.7	1 4.41	Horizontal Parallax. 8th, 8.60 18th, 8.62 28th, 8.64
4	54.3	4.28		4	2.8	4.51	
6	54.8	4.21		6	2.8	4.62	
8	55.3	4.16		8	3.4	4.76	
10	55.8	4.12		10	4.0	4.88	
12	56.4	4.08		12	4.6	5.02	
14	56.9	4.06		14	5.1	5.18	
16	57.4	4.05		16	5.7	5.35	
18	58.0	4.06		18	6.2	5.52	
20	58.5	4.07		20	6.7	5.70	
22	59.0	4.10	Obliquity of the Ecliptic. 8th, 23° 23' 18th, 23° 36' 28th, 23° 43'	22	7.3	5.89	Obliquity of the Ecliptic. 8th, 23° 43' 18th, 23° 36' 28th, 23° 29'
24	59.6	4.13		24	7.8	6.09	
26	16 0.1	4.18		26	8.3	6.30	
28	0.6	4.25		28	8.8	6.52	
30	1.2	4.32		30	9.3	6.74	
32	1.7	4.41		32	9.8	6.97	
D.	Declination North.	Equa. of Time to be subtr. fr. Appar. Time.	Sidereal Time at mean noon.	D.	Declination South.	Equa. of Time to be subtr. fr. Appar. Time.	Sidereal Time at mean noon.
	O / N	m. s.	h. m. s.		O / N	m. s.	h. m. s.
1	8 14 13.9	0 11.26	10 42 14.59	1	3 15 13.2	10 22.88	12 40 31.19
2	7 52 20.9	0 30.09	10 46 11.15	2	3 38 31.5	10 41.68	12 44 27.74
3	7 30 20.2	0 49.21	10 50 7.70	3	4 1 47.5	11 0.17	12 48 24.29
4	7 8 12.1	1 8.58	10 54 4.25	4	4 25 0.5	11 18.33	12 52 20.85
5	6 45 57.0	1 28.20	10 58 0.81	5	4 48 10.4	11 36.14	12 56 17.40
6	6 23 35.3	1 48.06	11 1 57.36	6	5 11 16.7	11 53.59	13 0 13.95
7	6 1 7.3	2 8.18	11 5 53.91	7	5 34 18.9	12 10.66	13 4 10.51
8	5 38 33.3	2 28.41	11 9 50.47	8	5 57 16.9	12 27.32	13 8 7.06
9	5 15 53.7	2 48.57	11 13 47.02	9	6 20 10.0	12 43.57	13 12 3.61
10	4 53 8.9	3 9.49	11 17 43.57	10	6 43 57.9	12 59.40	13 16 0.17
11	4 30 19.1	3 30.26	11 21 40.13	11	7 6 40.4	13 14.76	13 19 56.72
12	4 7 24.8	3 51.17	11 25 36.68	12	7 28 17.0	13 29.66	13 23 53.28
13	3 44 26.2	4 12.18	11 29 33.23	13	7 50 47.3	13 44.06	13 27 49.88
14	3 21 23.7	4 33.28	11 33 29.79	14	8 13 10.9	13 57.94	13 31 46.38
15	2 58 17.7	4 54.45	11 37 26.34	15	8 35 27.7	14 11.29	13 35 42.94
16	2 35 8.3	5 15.65	11 41 22.89	16	8 57 37.0	14 24.08	13 39 39.49
17	2 11 55.9	5 36.87	11 45 19.45	17	9 19 38.6	14 36.30	13 43 36.04
18	1 48 40.8	5 58.08	11 49 16.00	18	9 41 32.1	14 47.91	13 47 32.60
19	1 25 23.4	6 19.26	11 53 12.55	19	10 3 17.3	14 58.90	13 51 29.15
20	1 2 4.0	6 40.39	11 57 9.11	20	10 24 53.7	15 9.26	13 55 25.71
21	0 38 42.7	7 1.44	12 1 5.66	21	10 46 20.8	15 18.96	13 59 22.26
22	N. 0 15 20.1	7 22.39	12 5 2.21	22	11 7 38.4	15 27.99	14 3 18.81
23	S. 0 8 3.6	7 43.22	12 8 58.76	23	11 28 46.1	15 36.34	14 7 15.37
24	0 31 28.1	8 3.91	12 12 55.32	24	11 49 43.5	15 43.95	14 11 11.92
25	0 54 58.1	8 24.42	12 16 51.87	25	12 10 30.3	15 50.83	14 15 8.48
26	1 18 18.2	8 44.74	12 20 48.42	26	12 31 5.9	15 56.98	14 19 5.03
27	1 41 43.1	9 4.86	12 24 44.98	27	12 51 30.1	16 2.38	14 23 1.59
28	2 5 7.4	9 24.75	12 28 41.53	28	13 11 42.4	16 7.01	14 26 58.14
29	2 28 30.8	9 44.40	12 32 38.08	29	13 31 42.3	16 10.87	14 30 5
30	2 51 52.8	10 3.78	12 36 34.64	30	13 51 29.4	16 13.95	14 34 5
31	3 15 15.1	10 23.11	12 40 31.19	31	14 11 16.4	16 16.24	14 38 4

*At Apparent Noon at Greenwich.*

NOVEMBER.					DECEMBER.				
D.	Semidiam.	S. D. culm.	Horizontal Parallax.	Obliquity of the Ecliptic.	D.	Semidiam.	S. D. culm.	Horizontal Parallax.	Obliquity of the Ecliptic.
	' "	m. s.				' "	m. s.		
1	16 9.8	1 6.97	8.66 7th, 8.68 17th, 8.70	27 33.17 28 33.05 29 32.95	1	16 15.9	1 10.31	8.71* 7th, 8.72 17th, 8.73 27th, 8.72	27 32.30 28 32.90 29 32.97 30 33.10
3	10.8	7.30			3	16.2	10.48		
5	10.8	7.43			5	16.5	10.64		
7	11.3	7.67			7	16.7	10.79		
9	11.8	7.91			9	17.0	10.90		
11	12.2	8.15	7th, 8.17 17th, 8.19 27th, 8.21	27 32.17 28 32.05 29 31.95	11	17.2	11.00	7th, 8.21* 17th, 8.22 27th, 8.23 37th, 8.22	27 31.30 28 31.90 29 31.97 30 32.10
13	12.7	8.39			13	17.4	11.10		
15	13.1	8.63			15	17.6	11.18		
17	13.5	8.86			17	17.7	11.24		
19	13.9	9.09			19	17.9	11.27		
21	14.3	9.31	7th, 8.21 17th, 8.23 27th, 8.25	27 31.17 28 31.05 29 30.95	21	18.0	11.29	7th, 8.23* 17th, 8.24 27th, 8.25 37th, 8.24	27 30.30 28 30.90 29 30.97 30 31.10
23	14.6	9.53			23	18.1	11.28		
25	15.0	9.74			25	18.1	11.27		
27	15.3	9.94			27	18.2	11.24		
29	15.6	10.13			29	18.2	11.19		
31	15.9	10.31			31	18.2	11.12		
D.	Declination South.	Equa. of Time to be subtr. fr. Appar. Time.	Sidereal Time at mean noon.	Eq. of Ti. to be subtr. fr. Ap. Time till 25th.	D.	Declination South.	Equa. of Ti. to be subtr. fr. Ap. Time till 25th.	Sidereal Time at mean noon.	Eq. of Ti. to be subtr. fr. Ap. Time till 25th.
	° ' "	m. s.	h. m. s.			° ' "	m. s.	h. m. s.	
1	14 30 23.7	16 17.74	14 42 44.36	1	21 51 28.1	10 42.00	16 41 1.06	1	21 51 28.1
2	14 49 30.0	16 18.44	14 46 40.92	2	22 0 30.7	10 18.80	16 44 57.61	2	22 0 30.7
3	15 8 21.8	16 18.33	14 50 37.47	3	22 9 7.8	9 55.00	16 48 54.17	3	22 9 7.8
4	15 26 58.7	16 17.40	14 54 34.03	4	22 17 19.1	9 30.62	16 52 50.73	4	22 17 19.1
5	15 45 20.2	16 15.67	14 58 30.58	5	22 25 4.4	9 5.68	16 56 47.29	5	22 25 4.4
6	16 3 26.0	16 13.13	15 2 27.14	6	22 32 28.3	8 40.21	17 0 43.85	6	22 32 28.3
7	16 21 15.6	16 9.76	15 6 23.69	7	22 39 15.8	8 14.94	17 4 40.40	7	22 39 15.8
8	16 38 48.5	16 5.56	15 10 20.25	8	22 45 41.5	7 47.81	17 8 36.96	8	22 45 41.5
9	16 56 4.4	16 0.55	15 14 16.80	9	22 51 40.2	7 20.93	17 12 33.52	9	22 51 40.2
10	17 13 3.0	15 54.71	15 18 13.36	10	22 57 11.8	6 53.65	17 16 30.08	10	22 57 11.8
11	17 29 43.6	15 48.03	15 22 9.92	11	23 2 16.2	6 25.98	17 20 26.64	11	23 2 16.2
12	17 46 6.1	15 40.51	15 26 6.47	12	23 6 53.0	5 57.95	17 24 23.19	12	23 6 53.0
13	18 2 10.0	15 32.17	15 30 3.03	13	23 11 2.3	5 29.59	17 28 19.75	13	23 11 2.3
14	18 17 55.0	15 22.98	15 33 59.59	14	23 14 43.8	5 0.93	17 32 16.31	14	23 14 43.8
15	18 33 20.6	15 12.95	15 37 56.14	15	23 17 57.5	4 32.01	17 36 12.87	15	23 17 57.5
16	18 48 26.5	14 2.09	15 41 52.70	16	23 20 43.3	4 2.83	17 40 9.43	16	23 20 43.3
17	19 3 12.4	14 50.38	15 45 49.26	17	23 23 1.1	3 33.44	17 44 5.99	17	23 23 1.1
18	19 17 37.8	14 37.83	15 49 45.81	18	23 24 50.7	3 3.87	17 48 2.54	18	23 24 50.7
19	19 31 42.4	14 24.46	15 53 42.37	19	23 26 12.2	2 34.14	17 51 59.10	19	23 26 12.2
20	19 45 25.9	14 10.24	15 57 38.92	20	23 27 5.5	2 4.28	17 55 55.66	20	23 27 5.5
21	19 58 48.0	13 55.19	16 1 35.48	21	23 27 30.5	1 34.33	17 59 52.22	21	23 27 30.5
22	20 11 48.1	13 39.33	16 5 32.04	22	23 27 27.3	1 4.32	18 3 48.78	22	23 27 27.3
23	20 24 26.0	13 22.67	16 9 28.60	23	23 26 55.7	0 34.28	18 7 45.34	23	23 26 55.7
24	20 36 41.4	13 5.20	16 13 25.15	24	23 25 55.8	0 4.25	18 11 41.89	24	23 25 55.8
25	20 48 33.8	12 46.95	16 17 21.71	25	23 24 27.7	+0 25.75	18 15 38.45	25	23 24 27.7
26	21 0 3.0	12 27.93	16 21 18.27	26	23 22 31.3	0 55.66	18 19 35.01	26	23 22 31.3
27	21 11 8.6	12 8.17	16 25 14.82	27	23 20 6.7	1 25.46	18 23 31.57	27	23 20 6.7
28	21 21 50.2	11 47.67	16 29 11.38	28	23 17 18.8	1 55.11	18 27 28.13	28	23 17 18.8
29	21 32 7.5	11 26.46	16 33 7.94	29	23 13 52.9	2 24.57	18 31 24.69	29	23 13 52.9
30	21 42 0.3	11 4.56	16 37 4.50	30	23 10 4.1	2 53.80	18 35 21.24	30	23 10 4.1
31	21 51 28.1	10 42.00	16 4 1.06	31	23 5 47.4	3 92.74	18 39 17.80	31	23 5 47.4

*True Apparent Places of the Pole Star for every Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.		
	* Ursa Minoris (Polaris).			* Ursa Minoris (Polaris).			* Ursa Minoris (Polaris).			* Ursa Minoris (Polaris).			* Ursa Minoris (Polaris).		
	Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.	
1853.	h. 1	° 88		h. 1	° 88		h. 1	° 88		h. 1	° 88		h. 1	° 88	
	m. s. / "			m. s. / "			m. s. / "			m. s. / "			m. s. / "		
1	5 53.84	31 46.8		5 27.67	31 46.6		5 8.62	31 41.5		4 59.34	31 32.6		5 4.99	31 23.6	
2	53.00	46.9		26.87	46.5		8.10	41.3		59.28	32.3		5.41	23.3	
3	52.15	47.0		26.08	46.4		7.59	41.0		59.35	32.0		5.84	23.0	
4	51.31	47.1		25.30	46.3		7.10	40.8		59.23	31.7		6.28	22.8	
5	50.46	47.1		24.52	46.1		6.62	40.5		59.23	31.4		6.74	22.5	
6	49.62	47.2		23.75	46.0		6.15	40.2		59.24	31.0		7.20	22.3	
7	48.77	47.3		22.98	45.8		5.70	39.9		{ 59.28 } { 59.33 }	{ 30.7 } { 30.4 }		7.68	22.1	
8	47.92	47.3		22.23	45.7		5.27	39.7		59.39	30.1		8.17	21.9	
9	47.06	47.4		21.48	45.6		4.85	39.4		59.47	29.8		8.68	21.7	
10	46.20	47.4		20.74	45.4		4.44	39.2		59.56	29.5		9.19	21.5	
11	45.34	47.4		20.01	45.3		4.05	38.9		59.67	29.2		9.72	21.3	
12	44.48	47.4		19.29	45.1		3.67	38.6		59.79	28.9		10.25	21.0	
13	43.62	47.5		18.58	45.0		3.31	38.3		59.98	28.6		10.80	20.8	
14	42.76	47.5		17.87	44.8		2.96	38.0		5 0.09	28.3		11.35	20.6	
15	41.91	47.5		17.18	44.6		2.63	37.7		0.26	28.0		11.92	20.4	
16	41.05	47.5		16.50	44.4		2.31	37.4		0.45	27.7		12.50	20.2	
17	40.19	47.5		15.83	44.2		2.01	37.1		0.65	27.4		13.09	20.0	
18	39.34	47.5		15.16	44.0		1.72	36.8		0.86	27.2		13.70	19.8	
19	38.48	47.5		14.51	43.8		1.45	36.5		1.09	26.9		14.31	19.6	
20	37.63	47.5		13.86	43.5		1.19	36.2		1.33	26.6		14.94	19.4	
21	36.79	47.4		13.23	43.3		0.94	35.9		1.59	26.3		15.57	19.3	
22	35.94	47.4		12.61	43.1		0.71	35.6		1.87	26.0		16.21	19.1	
23	35.09	47.4		12.01	42.9		0.50	35.3		2.16	25.8		16.86	19.0	
24	34.25	47.3		11.41	42.7		0.30	35.0		2.47	25.5		17.51	18.8	
25	33.41	47.2		10.83	42.4		0.13	34.7		2.79	25.2		18.18	18.6	
26	32.57	47.2		10.26	42.2		4 59.97	34.4		3.12	25.0		18.86	18.5	
27	31.74	47.1		9.70	42.0		59.83	34.1		3.47	24.7		19.55	18.3	
28	30.92	47.0		9.15	41.7		59.70	33.8		3.83	24.4		20.24	18.2	
29	30.10	46.9		8.62	41.5		59.59	33.5		4.20	24.2		20.94	18.0	
30	29.29	46.8					59.49	33.2		4.59	23.9		21.64	17.9	
31	28.48	46.7					59.41	32.9		4.99	23.6		22.36	17.8	
32	27.67	46.6					59.34	32.6					23.09	17.7	

*True Apparent Places of the Pole Star for every Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.		
	* Ursæ Minoris (Polaris).			* Ursæ Minoris (Polaris).			* Ursæ Minoris (Polaris).			* Ursæ Minoris (Polaris).			* Ursæ Minoris (Polaris).		
	Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.	
1853.	h. 1	m. 88	s.	h. 1	m. 88	s.	h. 1	m. 88	s.	h. 1	m. 88	s.	h. 1	m. 88	s.
1	5	23.09	31	5	46.97	31	6	11.92	31	6	31.63	31	6	41.86	31
2		23.82	17.6		47.80	16.7		12.66	20.8		32.13	29.3		42.02	40.3
3		24.56	17.5		48.63	16.7		13.40	21.0		32.62	29.7		42.16	40.6
4		25.30	17.4		49.47	16.8		14.13	21.3		33.10	30.0		42.29	41.0
5		26.04	17.3		50.31	16.9		14.86	21.5		33.57	30.3		42.41	41.4
6		26.79	17.2		51.14	16.9		15.59	21.8		34.02	30.7		42.52	41.8
7		27.55	17.1		51.97	17.0		16.30	22.0		34.47	31.0		42.61	42.2
8		28.32	17.0		52.79	17.0		17.01	22.2		34.91	31.4		42.70	42.6
9		29.10	16.9		53.62	17.1		17.71	22.5		35.33	31.7		42.77	43.0
10		29.88	16.8		54.45	17.2		18.40	22.7		35.75	32.1		42.83	43.3
11		30.66	16.8		55.28	17.4		19.08	22.9		36.15	32.4		42.87	43.7
12		31.44	16.7		56.11	17.5		19.76	23.2		36.55	32.8		42.90	44.1
13		32.23	16.7		56.93	17.6		20.43	23.4		36.93	33.1		42.91	44.5
14		33.02	16.6		57.75	17.7		21.09	23.7		37.30	33.5		42.92	44.9
15		33.82	16.6		58.57	17.8		21.75	24.0		37.67	33.8		42.91	45.3
16		34.62	16.6		59.38	18.0		22.40	24.2		38.02	34.2		42.90	45.7
17		35.43	16.5	6	0.18	18.1		23.04	24.5		38.36	34.5		42.86	46.0
18		36.24	16.5		0.99	18.2		23.67	24.7		38.69	34.9		42.81	46.4
19		37.05	16.5		1.80	18.3		24.29	25.0		39.00	35.3		42.75	46.8
20		37.87	16.4		2.61	18.5		24.91	25.3		39.30	35.6		42.67	47.2
21		38.69	16.4		3.41	18.6		25.52	25.6		39.58	36.0		42.59	47.6
22		39.51	16.4		4.21	18.8		26.12	25.9		39.86	36.4		42.49	48.0
23		40.34	16.4		5.00	19.0		26.71	26.2		40.13	36.8		42.38	48.4
24		41.16	16.4		5.79	19.1		27.29	26.5		40.39	37.2		42.26	48.8
25		41.98	16.4		6.57	19.3		27.86	26.8		40.64	37.6		42.12	49.1
26		42.81	16.5		7.35	19.4		28.43	27.1		40.88	38.0		41.97	49.5
27		43.64	16.5		8.12	19.6		28.99	27.4		41.10	38.3		41.80	49.9
28		44.48	16.5		8.89	19.8		29.54	27.8		41.31	38.7		41.62	50.3
29		45.31	16.6		9.66	20.0		30.08	28.1		41.51	39.1		41.43	50.7
30		46.14	16.6		10.41	20.2		30.61	28.4		41.69	39.5		41.23	51.0
31		46.97	16.6		11.17	20.4		31.13	28.7		41.86	39.9		41.01	51.4
32					11.92	20.6		31.63	29.0					40.77	51.8

*True Apparent Places of the Pole Star for every Day, and of Thirty-seven of the Principal Fixed Stars for every Tenth Day, of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	NOVEMBER.		DECEMBER.		Day of the Month.	♄ Ursæ Minoris. 3		♄ Andromeda. 1	
	♄ Ursæ Minoris (Polaris).		♄ Ursæ Minoris (Polaris).			Right Asc.	Dec. North.	Right Asc.	Dec. North.
	Right Asc.	Dec. North.	Right Asc.	Dec. North.					
1853.	h. 1	° 88	h. 1	° 88	1853.	h. 18	° 86	h. 0	° 28
	m. s.	' "	m. s.	' "		m. s.	' "	m. s.	' "
1	6 40.77	31 51.8	6 27.98	32 1.6	Jan. 1	19 29.36	35 52.6	0 46.49	16 45.2
2	40.62	52.1	27.32	1.9	11	29.60	49.1	46.36	44.2
3	40.26	52.5	26.70	2.1	21	30.52	45.8	46.22	43.0
4	39.99	52.9	26.07	2.4	31	32.12	42.7	46.10	41.6
5	39.71	53.2	25.42	2.6	Feb. 10	34.33	40.0	46.00	40.0
6	39.41	53.6	24.77	2.8	20	37.06	37.8	45.98	38.4
7	39.10	54.0	24.11	3.0	Mar. 2	40.20	36.0	45.89	36.8
8	38.78	54.3	23.44	3.3	12	43.61	34.9	45.89	35.3
9	38.44	54.6	22.76	3.6	22	47.16	34.4	45.94	33.8
10	38.09	55.0	22.07	3.8	Apr. 1	50.72	34.5	46.03	32.7
11	37.73	55.3	21.37	4.0	11	54.14	35.3	46.17	31.9
12	37.35	55.7	20.66	4.2	21	57.31	36.6	46.35	31.5
13	36.96	56.0	19.95	4.4	May 1	30 0.11	38.4	46.57	31.4
14	36.56	56.4	19.23	4.6	11	2.43	40.7	46.84	31.7
15	36.15	56.7	18.50	4.8	21	4.23	43.3	47.14	32.4
16	35.73	57.0	17.76	5.0	31	5.43	46.2	47.46	33.5
17	35.29	57.4	17.01	5.2	June 10	6.00	49.3	47.79	35.0
18	34.84	57.7	16.26	5.4	20	5.95	52.4	48.14	36.7
19	34.38	58.0	15.50	5.6	30	5.27	55.6	48.48	38.7
20	33.91	58.3	14.73	5.8	July 10	3.96	58.6	48.81	41.0
21	33.43	58.6	13.96	5.9	20	2.06	36 1.4	49.12	43.4
22	32.93	58.9	13.18	6.1	30	19 59.63	4.1	49.41	45.9
23	32.41	59.2	12.39	6.3	Aug. 9	56.70	6.4	49.66	48.4
24	31.89	59.5	11.59	6.4	19	58.35	8.4	49.88	50.9
25	31.36	59.8	10.79	6.6	29	49.64	10.0	50.06	53.4
26	30.82	32 0.1	9.98	6.7	Sept. 8	45.65	11.3	50.19	55.8
27	30.26	0.4	9.17	6.8	18	41.46	11.9	50.29	58.0
28	29.69	0.7	8.35	7.0	28	37.17	12.1	50.34	17 0.0
29	29.12	1.0	7.53	7.1	Oct. 8	32.87	11.8	50.36	1.8
30	28.53	1.3	6.71	7.2	18	28.65	11.0	50.34	8.4
31	27.98	1.6	5.88	7.3	28	24.61	9.8	50.30	4.7
32			5.02	7.4	Nov. 7	20.86	8.0	50.22	6.7
					17	17.47	6.7	50.13	6.4
					27	14.58	3.1	50.02	6.8
					Dec. 7	12.26	0.2	49.89	6.9
					17	10.56	35 57.0	49.76	6.6
					27	9.50	53.2	49.62	6.1
					37			49.48	5.2

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every Tenth Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	♄ Ceti. 2.3		♋ Arietis. 3		♌ Ceti. 2.3		♉ Tauri (Aldebaran). 1		♋ Aurigæ (Capella). 1	
	Right Asc.	Dec. South.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.
1853.	h 0	o 18	h 1	o 22	h 2	o 30	h 4	o 16	h 5	o 45
Jan. 1	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "	m. s. / "
11	36 11.36 47	54.8	58 53.04 45	54.1	54 35.66 30	30.4	27 29.41 12	33.3	5 50.49 50	36.5
21	11.24	55.2	52.91	53.8	35.57	29.7	29.38	33.1	50.47	37.9
31	11.12	55.4	52.77	53.3	35.45	29.1	29.30	32.9	50.39	38.2
Feb. 10	11.01	55.3	52.62	52.7	35.32	28.6	29.19	32.8	50.26	40.3
20	10.91	54.9	52.47	52.0	35.17	28.2	29.05	32.6	50.08	41.2
Mar. 2	10.83	54.3	52.33	51.1	35.02	27.9	28.89	32.4	49.86	41.7
12	10.78	53.3	52.20	50.2	34.88	27.7	28.73	32.2	49.62	41.9
22	10.75	52.2	52.09	49.4	34.74	27.7	28.56	32.0	49.37	41.8
Apr. 1	10.76	50.7	52.01	48.5	34.63	27.8	28.39	31.8	49.12	41.5
11	10.82	48.9	51.98	47.8	34.55	28.1	28.24	31.7	48.89	40.9
21	10.91	47.0	51.99	47.2	34.51	28.6	28.12	31.6	48.69	40.0
31	11.04	44.9	{ 52.04 } { 52.05 }	{ 46.8 } { 46.8 }	34.50	29.3	28.04	31.6	48.53	39.0
May 1	11.22	42.6	52.16	46.7	34.55	30.2	28.00	31.7	48.43	37.9
11	11.44	40.3	52.32	46.8	34.64	31.4	28.01	31.9	48.38	36.5
21	11.69	37.8	52.52	47.2	34.78	32.8	28.06	32.3	48.40	35.2
31	11.97	35.4	52.76	47.9	34.96	34.3	28.17	32.8	48.47	33.9
June 10	12.28	33.1	53.04	48.8	35.18	35.9	28.33	33.5	48.63	32.6
20	12.60	30.8	53.35	50.0	35.43	37.7	28.51	34.3	48.84	31.6
30	12.98	28.8	53.67	51.4	35.70	39.5	28.74	35.2	49.09	30.7
July 10	13.26	26.9	54.00	53.0	35.99	41.3	29.00	36.2	49.39	29.9
20	13.58	25.3	54.34	54.8	36.30	43.1	29.27	37.3	49.72	29.4
30	13.88	24.0	54.67	56.6	36.61	44.9	29.58	38.4	50.09	29.1
Aug. 9	14.16	23.1	54.98	58.5	36.91	46.5	29.88	39.5	50.48	28.9
19	14.41	22.5	55.28	60.4	37.21	47.9	30.19	40.5	50.89	29.0
29	14.62	22.3	55.56	62.2	37.50	49.1	30.50	41.5	51.30	29.2
Sept. 8	14.79	22.4	55.80	64.0	37.76	50.1	30.81	42.3	51.72	29.7
18	14.93	22.8	56.02	65.7	38.00	50.8	31.11	43.1	52.13	30.3
28	15.03	23.6	56.21	67.2	38.22	51.3	31.40	43.7	52.54	31.0
Oct. 8	15.08	24.5	56.36	68.6	38.42	51.6	31.67	44.1	52.94	31.9
18	15.11	25.7	56.48	69.8	38.58	51.5	31.92	44.4	53.32	33.0
28	15.10	26.9	56.57	70.9	38.72	51.2	32.16	44.6	53.67	34.2
Nov. 7	15.06	28.3	56.63	71.8	38.83	50.8	32.36	44.7	53.99	35.5
17	14.99	29.6	56.66	72.5	38.90	50.3	32.54	44.6	54.28	36.9
27	14.91	30.8	56.65	73.0	38.95	49.7	32.69	44.5	54.53	38.4
Dec. 7	14.81	32.0	56.62	73.3	38.96	49.0	32.80	44.4	54.73	40.0
17	14.70	32.9	56.56	73.5	38.94	48.3	32.88	44.2	54.87	41.5
27	14.58	33.7	56.47	73.5	38.90	47.6	32.91	44.1	54.95	43.1
37	14.46	34.2	56.35	73.2	38.82	46.9	32.90	43.9	54.97	44.6

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every  
Tenth Day of the Year.*

*Epoch. — The Upper Culmination at Greenwich.*

Day of the Month	$\beta$ Orionis (Rigel).			$\beta$ Tauri.			$\delta$ Orionis.			$\epsilon$ Orionis.			$\alpha$ Canis Majoris (Sirius).		
	Right Asc.	Dec.	South.	Right Asc.	Dec.	North.	Right Asc.	Dec.	South.	Right Asc.	Dec.	North.	Right Asc.	Dec.	South.
1853.	<sup>h</sup> 5	<sup>m</sup> 5	<sup>s</sup> 0	<sup>h</sup> 5	<sup>m</sup> 5	<sup>s</sup> 0	<sup>h</sup> 5	<sup>m</sup> 5	<sup>s</sup> 0	<sup>h</sup> 5	<sup>m</sup> 5	<sup>s</sup> 0	<sup>h</sup> 6	<sup>m</sup> 5	<sup>s</sup> 0
Jan. 1	7 28.76	22 36.3	17 0.31	28 42.0	24 30.19	24 46.7	47 18.10	22 28.8	38 40.80	31 7.1					
11	28.78	37.7	0.32	42.5	30.30	47.8	13.13	28.0	40.86	9.3					
21	28.68	39.0	0.33	42.9	30.16	48.8	13.12	27.4	40.86	11.3					
31	28.58	40.0	0.19	43.4	30.08	49.6	13.06	26.9	40.82	13.2					
Feb. 10	28.46	40.8	0.06	43.7	29.97	50.2	12.96	26.5	40.74	14.7					
20	28.30	41.4	16 59.90	43.9	29.82	50.7	12.83	26.2	40.62	16.0					
Mar. 2	28.12	41.7	59.72	44.0	29.66	51.0	12.67	26.1	40.46	16.9					
12	27.94	41.6	59.52	44.0	29.49	51.1	12.50	26.0	40.28	17.5					
22	27.77	41.5	59.33	43.8	29.31	51.0	12.33	26.1	40.10	17.7					
Apr. 1	27.60	41.0	59.16	43.6	29.16	50.7	12.16	26.2	39.90	17.7					
11	27.45	40.3	58.99	43.3	29.00	50.2	11.91	26.5	39.72	17.3					
21	27.34	39.4	58.87	42.9	28.86	49.6	11.86	26.8	39.55	16.6					
May 1	27.26	38.2	58.78	42.5	28.79	48.8	11.78	27.3	39.41	15.7					
11	27.21	36.8	58.75	42.1	28.76	47.8	11.72	27.9	39.29	14.4					
21	27.22	35.2	58.77	41.7	28.74	46.6	11.70	28.7	39.21	13.0					
31	27.26	33.4	58.82	41.4	28.78	45.3	11.72	29.5	39.17	11.2					
June 10	27.26	31.3	{ 58.93 }	{ 41.2 }	28.86	43.9	11.79	30.4	39.16	9.3					
20	27.49	29.3	{ 58.94 }	{ 41.2 }	28.99	42.2	11.90	31.5	39.20	7.3					
30	27.66	27.3	59.10	41.1	29.16	40.7	12.06	32.6	{ 39.27 }	{ 5.1 }					
July 10	27.87	25.3	59.30	41.2	29.34	39.1	12.23	33.8	{ 39.28 }	{ 4.9 }					
20	28.10	23.3	59.50	41.4	29.57	37.5	12.44	34.9	39.56	0.7					
30	28.35	21.5	17 0.10	41.6	29.81	36.0	12.68	36.0	39.73	30 56.7					
Aug. 9	28.62	19.9	0.41	42.0	30.07	34.6	12.94	37.0	39.93	56.9					
19	28.90	18.5	0.73	42.5	30.35	33.5	13.21	37.9	40.17	55.3					
29	29.19	17.4	1.07	42.9	30.64	32.5	13.50	38.6	40.42	54.0					
Sept. 8	29.48	16.7	1.40	43.4	30.93	31.8	13.79	39.1	40.69	53.0					
18	29.77	16.3	1.74	43.9	31.22	31.4	14.09	39.4	40.97	52.5					
28	30.06	16.3	2.08	44.3	31.51	31.3	14.38	39.5	41.26	52.4					
Oct. 8	30.33	16.7	2.40	44.8	31.79	31.5	14.66	39.4	41.56	52.8					
18	30.59	17.4	2.71	45.2	32.07	32.0	14.97	39.1	41.85	53.6					
28	30.84	18.4	3.01	45.6	32.33	32.7	15.24	38.6	42.14	54.8					
Nov. 7	31.06	19.7	3.29	46.0	32.56	33.7	15.50	37.9	42.43	56.3					
17	31.26	21.2	3.53	46.4	32.78	34.9	15.74	37.0	42.69	56.2					
27	31.42	22.8	3.75	46.9	32.97	36.1	15.96	36.1	42.93	31 0.4					
Dec. 7	31.55	24.5	3.92	47.3	33.12	37.4	16.14	35.2	43.14	2.7					
17	31.65	26.2	4.06	47.8	33.24	38.7	16.28	34.3	43.32	5.1					
27	31.70	27.8	4.15	48.3	33.31	40.0	16.39	33.4	43.45	7.5					
37	31.71	29.4	4.18	48.8	33.34	41.1	16.44	32.6	43.53	9.9					



*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every Tenth Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	α <sup>2</sup> Geminorum (Castor). 3			α Canis Minoris (Procyon). 1.2			β Geminorum (Pollux). 2			α Hydre. 2			α Leonis (Regulus). 1		
	Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. South.		Right Asc.	Dec. North.	
1853.	h 7	m 32	s 32	h 7	m 5	s 5	h 7	m 28	s 28	h 9	m 8	s 8	h 10	m 12	s 12
Jan. 1	25	13.10	12 19.7	31	36.44	35 53.1	36	19.10	23 36.3	20	21.31	1 20.8	0	32.15	41 1.9
11		13.25	20.2		36.57	51.9		19.26	36.6		22.08	23.0		32.42	0.6
21		13.35	20.9		36.65	50.9		19.37	36.0		22.21	25.0		32.65	40 59.5
31		13.38	21.7		36.68	50.1		19.41	36.6		22.33	26.9		32.63	56.7
Feb. 10		13.36	22.6		36.66	49.5		19.40	37.3		22.41	28.6		32.96	58.2
20		13.29	23.4		36.60	49.0		19.34	37.9		22.44	30.0		33.04	57.9
Mar. 2		13.17	24.3		36.50	48.7		19.28	38.7		22.43	31.3		33.08	57.9
12		13.01	25.1		36.37	48.5		19.09	39.4		22.37	32.2		33.07	56.1
22		12.54	25.7		36.31	48.5		18.92	40.0		22.39	32.8		33.02	56.4
Apr. 1		12.54	26.2		36.05	48.7		18.74	40.5		22.17	33.3		32.94	56.9
11		12.45	26.6		35.88	48.9		18.56	40.9		22.04	33.5		32.88	59.5
21		12.27	26.8		35.73	49.2		18.38	41.2		21.90	33.5		32.72	41 0.1
May 1		12.11	26.8		35.59	49.7		18.22	41.4		21.76	33.3		32.69	0.7
11		11.97	26.7		35.47	50.2		18.09	41.4		21.62	32.8		32.46	1.3
21		11.88	26.4		35.38	50.8		17.99	41.3		21.60	32.2		32.34	1.9
31		11.82	26.0		35.32	51.5		17.93	41.1		21.39	31.4		32.23	2.5
June 10		11.80	25.6		35.30	52.3		17.90	40.8		21.30	30.6		32.13	3.0
20		11.83	25.0		35.31	53.1		17.92	40.4		21.28	29.5		32.06	3.4
30		11.90	24.3		35.36	53.9		17.98	40.0		21.19	28.3		32.00	3.8
July 10		12.01	23.7		35.44	54.8		18.07	39.6		21.17	27.1		31.98	4.0
20		12.17	22.9		35.57	55.7		18.21	39.0		21.17	25.9		31.96	4.2
30		12.35	22.3		35.71	56.5		18.38	38.5		21.21	24.6		31.96	4.2
Aug. 9		12.57	21.6		35.89	57.2		18.58	38.0	{ 21.27 }	{ 23.5 }			32.00	4.1
19		12.82	20.8		36.09	57.7		18.81	37.4	{ 21.37 }	{ 23.3 }			32.06	3.9
29		13.10	20.1		36.31	58.1		19.06	36.7		21.49	21.4	20	32.17	3.5
Sept. 8		13.39	19.3		36.56	58.3		19.34	36.0		21.63	20.8		32.29	2.9
18		13.71	18.6		36.82	58.3		19.64	35.3		21.83	20.4		32.44	2.1
28		14.06	17.9		37.10	58.0		19.96	34.5		22.04	20.3		32.63	1.1
Oct. 8		14.39	17.1		37.39	57.5		20.28	33.7		22.28	20.6		32.85	40 59.9
18		14.75	16.4		37.69	56.7		20.63	32.9		22.56	21.2		33.10	58.5
28		15.11	15.6		38.00	56.7		20.98	32.1		22.84	22.1		33.38	57.0
Nov. 7		15.48	15.3		38.30	54.6		21.33	31.4		23.15	23.5		33.68	55.3
17		15.83	14.8		38.60	53.3		21.67	30.8		23.46	25.1		34.00	53.5
27		16.16	14.6		38.89	51.9		22.00	30.2		23.78	26.9		34.34	51.6
Dec. 7		16.48	14.4		39.16	50.4		22.31	29.9		24.10	29.0		34.68	49.8
17		16.75	14.5		39.39	49.0		22.59	29.6		24.40	31.2		35.01	48.0
27		16.99	14.8		39.59	47.5		22.82	29.6		24.68	33.4		35.32	46.4
37		17.17	15.2		39.74	46.4		23.01	29.7		24.92	35.7		35.51	44.9

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every Tenth Day of the Year.*

*Epoch. — The Upper Culmination at Greenwich.*

Day of the Month.	α Ursæ Majoris. 1.2			β Leonis. 2.3			α Virginis (Spica). 1			α Bootis (Arcturus). 1			α Libræ. 3		
	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. South.	Right Asc.		Dec. North.	Right Asc.		Dec. South.
	h.	m.		h.	m.		h.	m.		h.	m.		h.	m.	
1853.	10	62		11	15		13	10		14	10		14	15	
Jan. 1	54	37.11	32 25.4	41	32.80	23 36.8	17	26.94	23 25.2	8	55.94	56 56.9	42	43.39	25 32.3
11	37.66	25.9		33.12	35.2		26.27	27.3		56.27	54.6		43.72	34.0	
21	38.16	26.8		33.42	35.8		26.60	29.3		56.61	52.8		44.06	35.7	
31	38.56	28.3		33.69	32.8		26.91	31.3		56.94	51.0		44.39	37.4	
Feb. 10	38.92	30.3		33.91	32.1		27.19	33.2		57.26	49.8		44.71	39.1	
20	39.17	32.5		34.10	31.7		27.44	34.9		57.54	49.0		45.01	40.6	
Mar. 2	39.31	34.0		34.24	31.6		27.66	36.4		57.80	48.7		45.29	42.1	
12	39.37	37.7		34.33	31.9		27.84	37.7		58.08	48.8		45.56	43.3	
22	39.33	40.3		34.38	32.4		27.99	38.7		58.23	49.3		45.78	44.4	
Apr. 1	39.21	42.9		34.39	33.1		28.10	39.5		58.39	50.2		45.98	45.4	
11	39.02	45.3		34.37	33.9		28.19	40.1		58.51	51.3		46.15	46.1	
21	38.77	47.4		34.32	34.9		28.24	40.5		58.60	52.6		46.29	46.7	
May 1	38.48	49.1		34.25	35.8		28.26	40.8		58.66	54.1		46.40	47.1	
11	38.16	50.5		34.17	36.8		28.26	40.8		58.69	55.6		46.48	47.4	
21	37.83	51.4		34.07	37.7		28.23	40.8		58.69	57.2		46.53	47.6	
31	37.50	51.8		33.97	38.5		28.19	40.6		58.67	58.7		46.56	47.6	
June 10	37.18	51.7		33.87	39.2		28.13	40.3		58.61	57 0.1		46.56	47.6	
20	36.88	51.1		33.76	39.8		28.06	39.9		58.54	1.3		46.53	47.5	
30	36.61	50.1		33.66	40.3		27.96	39.4		58.45	2.3		46.47	47.3	
July 10	36.38	48.7		33.57	40.6		27.86	38.9		58.34	3.1		46.39	47.0	
20	36.18	46.8		33.49	40.7		27.75	38.4		58.21	3.7		46.29	46.7	
30	36.04	44.6		33.42	40.6		27.64	37.8		58.08	4.0		46.17	46.3	
Aug. 9	35.96	42.0		33.37	40.4		27.53	37.2		57.94	4.0		46.04	45.9	
19	35.98	39.2		33.33	40.0		27.42	36.6		57.80	3.7		45.90	45.5	
29	35.96	36.2		33.32	39.3		27.33	36.0		57.66	3.2		45.76	45.0	
Sept. 8	35.96	32.7		33.34	38.4		27.26	35.6		57.54	2.3		45.63	44.6	
18	36.28	29.4		33.39	37.2		27.21	35.2		57.44	1.2		45.52	44.1	
28	36.47	26.1		33.48	35.9		27.19	35.0		57.36	56 59.7		45.42	43.8	
Oct. 8	36.77	22.8		33.61	34.3		27.21	35.0		57.32	58.0		45.36	43.6	
18	37.14	19.6		33.77	32.5		27.29	35.3		57.32	56.0		45.36	43.5	
28	37.58	16.6		33.97	30.7		27.41	35.9		57.37	53.5		45.38	43.6	
Nov. 7	38.08	13.9		34.22	28.5		27.57	36.7		57.47	51.0		45.46	43.9	
17	38.92	11.4		34.49	26.2		27.78	37.8		57.62	48.3		45.60	44.5	
27	39.21	9.4		34.80	24.0		28.08	39.1		57.82	45.5		45.78	45.3	
Dec. 7	39.82	7.9		35.13	21.7		28.31	40.7		58.06	42.7		46.01	46.3	
17	40.44	6.9		35.47	19.5		28.63	42.5		58.34	39.9		46.28	47.6	
27	41.06	6.5		35.82	17.5		28.96	44.5		58.64	37.3		46.58	49.0	
37	41.68	6.6		36.16	15.7		29.29	46.5		58.97	34.8		46.90	50.7	

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every  
Tenth Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	♄ Ursa Minoris. 3				♋ Libra. 2.3				♌ Corona Bore- alis. 2				♍ Serpentis. 2.3				♏ Scorpionis. 2			
	Right Asc.		Dec. North.		Right Asc.		Dec. South.		Right Asc.		Dec. North.		Right Asc.		Dec. North.		Right Asc.		Dec. South.	
1853.	h. 14		° 74		h. 15		° 8		h. 15		° 27		h. 15		° 6		h. 15		° 19	
	m.	s.	'	"	m.	s.	'	"	m.	s.	'	"	m.	s.	'	"	m.	s.	'	"
Jan. 1	51	8.60	45	9.8	9	4.17	50	8.6	28	26.98	12	39.8	36	59.53	53	29.3	56	51.49	23	50.1
11		9.39		7.4		4.48		10.2		26.29		37.1	37	0.11		27.1		51.78		51.1
21		10.26		5.7		4.80		11.9		26.61		34.9		0.41		25.1		52.10		52.3
31		11.17		4.6		5.13		13.6		26.94		32.8		0.73		23.3		52.43		53.6
Feb. 10		12.08		4.2		5.44		15.1		27.27		31.4		1.04		21.8		52.76		54.8
20		12.97		4.4		5.75		16.5		27.60		30.4		1.34		20.6		53.09		56.0
Mar. 2		13.81		5.3		6.04		17.7		27.91		29.9		1.64		19.7		53.41		57.1
12		14.56		6.8		6.30		18.7		28.20		30.0		1.91		19.2		53.71		58.1
22		15.20		8.8		6.55		19.4		28.46		30.6		2.17		19.1		53.99		59.0
Apr. 1		15.73		11.3		6.76		19.9		28.70		31.6		2.40		19.3		54.25		59.9
11		16.12		14.1		6.95		20.3		28.91		33.0		2.60		19.8		54.49	24	0.5
21		16.36		17.1		7.11		20.4		29.08		34.7		2.78		20.6		54.71		1.0
May 1		16.47		20.2		7.25		20.4		29.22		35.7		2.98		21.5		54.90		1.4
11		16.42		23.3		7.35		20.2		29.32		36.8		3.05		22.7		55.06		1.7
21		16.25		26.3		7.43		19.9		29.39		40.9		3.15		23.9		55.19		2.0
31		15.94		29.0		7.47		19.6		29.43		43.1		3.21		25.1		55.29		2.2
June 10		15.52		31.4		7.49		19.2		29.43		45.1		3.24		26.4		55.36		2.3
20		15.00		33.4		7.48		18.8		29.40		47.0		3.25		27.6		55.39		2.4
30		14.39		35.1		7.44		18.4		29.34		48.8		3.22		28.7		55.38		2.4
July 10		13.71		36.2		7.38		17.9		29.25		50.2		3.16		29.7		55.35		2.4
20		12.98		36.8		7.29		17.5		29.12		51.4		3.08		30.5		55.28		2.4
30		12.21		36.9		7.18		17.1		28.98		52.2		2.97		31.2		55.18		2.3
Aug. 9		11.43		36.4		7.05		16.7		28.82		52.8		2.84		31.7		55.05		2.1
19		10.64		35.5		6.91		16.4		28.64		52.9		2.70		32.0		54.91		1.9
29		9.88		34.0		6.77		16.1		28.46		52.7		2.55		32.2		54.76		1.7
Sept. 8		9.16		32.1		6.63		15.9		28.28		52.2		2.39		32.1		54.59		1.4
18		8.49		29.6		6.50		15.7		28.11		51.2		2.25		31.8		54.43		1.0
28		7.91		26.8		6.39		15.7		27.96		49.9		2.12		31.2		54.29		0.7
Oct. 8		7.42		23.6		6.31		15.8		27.83		48.3		2.01		30.4		54.17		0.4
18		7.04		20.1		6.27		16.0		27.74		46.3		1.94		29.4		54.09		0.2
28		6.79		16.4		6.27		16.5		27.69		44.0		1.91		28.1		54.04		0.0
Nov. 7	{ 6.69 }		{ 12.5 }			6.32		17.2		27.69		41.4		1.92		26.5		54.05		0.0
17	{ 6.68 }		{ 12.1 }			6.43		18.2		27.76		38.3		1.96		24.8		54.11		0.2
27		6.96		4.3		6.68		19.3		27.87		35.3		2.11		22.6		54.23		0.5
Dec. 7		7.32		0.6		6.79		20.6		28.03		32.2		2.27		20.5		54.40		1.1
17		7.84	44.	57.2		7.03		22.1		28.25		29.1		2.48		18.3		54.61		1.8
27		8.48		54.1		7.30		23.7		28.50		26.2		2.72		16.0		54.87		2.7
37		9.23		51.4		7.60		25.5		28.79		23.4		3.00		13.8		55.15		3.7

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every Tenth Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	♏ Scorpionis (Antares). 1			♐ Ophiuchi. 2			♌ Lyrae (Vega). 1			♏ Aquilae. 3.4			♏ Aquilae (Altair). 1.2		
	Right Asc.		Dec. South.	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. North.
	h	m		h	m		h	m		h	m		h	m	
1853.	16	26		17	12		14	38		19	2		19	8	
Jan. 1	20	21.59	5 57.4	28	4.41	40 12.8	31	55.21	38 55.6	18	2.73	49 28.1	43	34.29	28 57.6
11		21.88	58.0		4.61	10.5		55.34	52.4		2.84	26.5	13	34.36	55.9
21		22.30	58.8		4.84	8.4		55.51	49.3		2.97	25.0		34.47	54.0
31		22.54	59.7		5.10	6.4		55.72	46.4		3.14	23.7		34.62	52.4
Feb. 10		22.88	6 0.6		5.37	4.7		55.97	43.9		3.34	22.5		34.79	51.0
20		23.22	1.6		5.66	3.3		56.25	41.8		3.56	21.5		34.99	49.8
Mar. 2		23.56	2.6		5.96	2.4		56.56	40.2		3.81	20.8		35.21	48.9
12		23.89	3.5		6.25	1.8		56.88	39.1		4.07	20.4		35.46	48.3
22		24.20	4.4		6.55	1.7		57.21	39.6		4.35	20.3		35.73	48.1
Apr. 1		24.49	5.3		6.83	1.9		57.55	38.7		4.64	20.6		36.01	48.3
11		24.76	6.1		7.11	2.6		57.89	39.4		4.93	21.1		36.30	48.8
21		25.01	6.8		7.36	3.6		58.22	40.7		5.22	22.0		36.60	49.7
May 1		25.23	7.4		7.60	4.9		58.52	42.4		5.52	23.1		36.89	50.9
11		25.42	8.0		7.82	6.5		58.81	44.6		5.80	24.5		37.19	52.4
21		25.58	8.6		8.01	8.2		59.06	47.1		6.07	26.0		37.47	54.1
31		25.71	9.1		8.17	10.0		59.28	49.9		6.33	27.6		37.74	55.9
June 10		25.80	9.6		8.30	11.9		59.46	52.8		6.56	29.3		37.98	57.9
20		25.86	10.0		8.39	13.7		59.60	55.8		6.75	30.9		38.19	59.9
30		25.88	10.4		8.45	15.5		59.68	58.8		6.91	32.6		38.38	29 1.9
July 10		25.86	10.7		8.46	17.1		59.72	39 1.7		7.04	34.1		38.52	3.8
20		25.80	11.0		8.44	18.6		59.71	4.4		7.12	35.5		38.62	5.6
30		25.70	11.2		8.38	19.9		59.64	6.9		7.16	36.8		38.67	7.2
Aug. 9		25.56	11.3		8.28	20.9		59.53	9.2		7.15	37.9		38.69	8.7
19		25.43	11.2		8.16	21.8		59.38	11.1		7.10	39.8		38.65	10.0
29		25.27	11.1		8.00	22.3		59.19	12.6		7.02	39.5		38.58	11.0
Sept. 8		25.09	10.9		7.83	22.6		58.97	13.7		6.90	40.0		38.48	11.8
18		24.92	10.5		7.65	22.6		58.73	14.4		6.76	40.3		38.35	12.4
28		24.75	10.1		7.47	22.4		58.48	14.7		6.60	40.4		38.19	12.7
Oct. 8		24.61	9.7		7.30	21.8		58.22	14.5		6.43	40.3		38.02	12.8
18		24.51	9.2		7.15	21.0		57.97	13.8		6.26	40.0		37.85	12.6
28		24.44	8.8		7.02	19.9		57.74	12.7		6.11	39.5		37.69	12.2
Nov. 7		24.42	8.4		6.93	18.5		57.54	11.1		5.97	38.9		37.54	11.5
17		24.46	8.1		6.89	16.8		57.38	9.1		5.86	38.0		37.42	10.6
27		24.55	7.9		6.88	14.9		57.27	6.7		5.78	36.9		37.32	9.5
Dec. 7		24.71	7.9		6.93	12.8		57.20	3.9		5.74	35.7		37.26	8.2
17		24.91	8.1		7.03	10.3		57.18	1.0		5.75	34.4		37.24	6.7
27		25.16	8.5		7.17	8.0		57.22	38 57.8		5.79	33.0		37.25	5.1
37		25.44	9.1		7.36	5.7		57.32	54.2		5.87	31.5		37.30	3.4

*True Apparent Places of Thirty-seven of the Principal Fixed Stars for every Tenth Day of the Year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	α Cygai. 1				α Cephei. 3				α Aquarii. 3				α Pisc. Australis (Fomalhaut). 2				α Pegasi (Markab). 1			
	Right Asc.		Dec. North.		Right Asc.		Dec. North.		Right Asc.		Dec. South.		Right Asc.		Dec. South.		Right Asc.		Dec. North.	
	h.	m.	s.	°	h.	m.	s.	°	h.	m.	s.	°	h.	m.	s.	°	h.	m.	s.	°
1853.	20			44	21			61	21			1	22			30	22			14
Jan. 1	36	22.84	45	27.3	15	1.29	67	55.1	58	11.92	1	63.4	49	29.14	24	16.0	57	24.81	24	61.9
11		22.79		24.4		1.08		52.4		11.88		64.2		29.05		15.6		24.72		50.7
21		22.79		21.4		0.94		49.3		11.87		65.0		28.99		14.9		24.65		49.5
31	26	22.85		18.0		0.87		46.1		11.88		65.7		28.95		14.0		24.60		48.2
Feb. 10		22.95		15.1	4	0.89		42.4		11.92		66.3		28.95		12.8		24.57		46.9
20		23.11		12.3		1.00		39.2	15	12.00		66.8		28.96		11.4		24.56		45.7
Mar. 2		23.31		9.9		1.19		36.3		12.11		67.0	1	29.04		9.6	3	24.62		44.6
12		23.56		7.9		1.45		33.6		12.25		67.0		29.15		7.7		24.70		43.7
22		23.84		6.4		1.79		31.4		12.42		66.7		29.29		5.7		24.81		43.2
Apr. 1		24.16		5.5		2.18		29.7		12.62		66.1		29.47		3.6		24.96		42.9
11		24.50		5.1		2.63		28.6		12.86		65.3		29.66		1.4		25.15		43.0
21		24.86		5.3		3.11		28.1		13.11		64.2		29.94	28	59.1		25.37		43.4
May 1		25.23		6.1		3.61		28.2		13.39		62.9		30.23		56.8		25.63		44.2
11		25.60		7.4		4.13		28.9		13.69		61.3		30.54		54.6		25.91		45.3
21		25.96		9.2		4.64		30.2		14.00		59.6		30.88		52.5		26.21		46.8
31		26.30		11.5		5.12		32.1		14.32		57.8		31.23		50.6		26.53		48.5
June 10		26.61		14.2		5.57		34.4		14.63		55.9		31.59		48.9		26.85		50.4
20		26.89		17.1		5.98		37.1		14.93		54.0		31.95		47.3		27.16		52.6
30		27.12		20.2		6.33		40.2		15.21		52.1		32.29		46.1		27.47		54.8
July 10		27.31		23.5		6.61		43.5		15.46		50.3		32.62		45.2		27.76		57.1
20		27.44		26.8		6.81		47.0		15.69		48.6		32.92		44.7		28.02		59.4
30		27.51		30.0		6.94		50.6		15.87		47.1		33.18		44.5		28.25	25	1.6
Aug. 9		27.53		33.2		6.99		54.2		16.01		45.8		33.40		44.6		28.44		3.8
19		27.49		36.2		6.96		57.7		16.12		44.7		33.56		45.1		28.59		5.8
29		27.40		38.9		6.85	68	1.1		16.17		43.8		33.71		45.8		28.70		7.7
Sept. 8		27.26		41.3		6.66		4.3		16.18		43.2		33.78		46.8		28.77		9.3
18		27.07		43.4		6.41		7.2		16.16		42.8		33.81		48.0		28.79		10.7
28		26.85		45.1		6.10		9.7		16.10		42.5		33.80		49.3		28.78		11.9
Oct. 8		26.61		46.4		5.75		11.8		16.01		42.5		33.74		50.8		28.74		12.8
18		26.35		47.2		5.35		13.5		15.90		42.6		33.65		52.2		28.67		13.5
28		26.08		47.5		4.93		14.6		15.78		42.9		33.53		53.5		28.56		13.9
Nov. 7		25.82		47.4		4.51		15.2		15.65		43.3		33.40		54.7		28.47		14.1
17		25.57		46.7		4.08		15.3		15.52		43.9		33.26		55.8		28.35		14.0
27		25.34		45.5		3.66		14.8		15.40		44.5		33.11		56.6		28.22		13.7
Dec. 7		25.14		43.8		3.27		13.7		15.29		45.2		32.97		57.2		28.10		13.1
17		24.98		41.8		2.92		12.0		15.19		46.0		32.84		57.5		27.98		12.4
27		24.86		39.3		2.61		9.9		15.12		46.8		32.72		57.6		27.88		11.5
37		24.78		36.6		2.37		7.3		15.06		47.8		32.62		57.3		27.78		10.4

*Dr. Young's Refractions, the Barometer being at 30 inches, and the internal Thermometer at 50, or the external at 47 degrees; with the Corrections for + one inch in the Barometer, and for — one degree in the Thermometer of Fahrenheit. From page 19 of Vol. I. of Pearson's Practical Astronomy.*

°					°					°					°					°				
0	0	33	51	74	8.1	3	0	14	35	30	2.3	8	0	6	35	13.3	.85	14	0	3	49.9	7.70	.469	
5	33	53	71	7.6	5	14	19	29	2.2	10	6	28	13.1	.83	10	3	47.1	7.61	.464					
10	31	58	69	7.3	10	14	4	29	2.2	20	6	21	12.8	.82	20	3	44.4	7.52	.458					
15	31	5	67	7.0	15	13	50	28	2.1	30	6	14	12.6	.80	30	3	41.8	7.43	.453					
20	30	13	65	6.7	20	13	55	28	2.1	40	6	7	12.3	.79	40	3	39.2	7.34	.448					
25	29	24	63	6.4	25	13	21	27	2.0	50	6	0	12.1	.77	50	3	36.7	7.26	.444					
30	28	37	61	6.1	30	13	7	27	2.0	9	0	5	54	11.9	.76	15	0	3	34.3	7.18	.439			
35	27	51	59	5.9	35	12	53	26	2.0	10	5	47	11.7	.74	30	3	27.3	6.95	.424					
40	27	6	58	5.6	40	12	41	26	1.9	20	5	41	11.5	.73	16	0	3	20.6	6.73	.411				
45	26	24	56	5.4	45	12	28	25	1.9	30	5	36	11.3	.72	30	3	14.4	6.51	.399					
50	25	43	55	5.1	50	12	16	25	1.9	40	5	30	11.1	.71	17	0	3	8.5	6.31	.386				
55	25	3	53	4.9	55	12	3	25	1.8	50	5	25	11.0	.70	30	3	2.9	6.12	.374					
1	0	24	25	52	4.7	4	0	11	52	24.1	1.70	10	0	5	20	10.8	.69	18	0	2	57.6	6.94	.362	
5	23	48	50	4.6	10	11	30	23.4	1.64	10	5	15	10.6	.67	19	2	47.7	5.61	.340					
10	23	13	49	4.5	20	11	10	22.7	1.58	20	5	10	10.4	.65	20	2	38.7	5.31	.323					
15	22	40	48	4.4	30	10	50	22.0	1.53	30	5	5	10.2	.64	21	2	30.5	5.04	.305					
20	22	8	46	4.2	40	10	32	21.3	1.48	40	5	0	10.1	.63	22	2	23.2	4.79	.290					
25	21	37	45	4.0	50	10	15	20.7	1.43	50	4	56	9.9	.62	23	2	16.5	4.57	.276					
30	21	7	44	3.9	6	0	9	58	20.1	1.38	11	0	4	51	9.8	.60	24	2	10.1	4.35	.264			
35	20	38	43	3.8	10	9	42	19.6	1.34	10	4	47	9.6	.59	25	2	4.2	4.16	.252					
40	20	10	42	3.6	20	9	27	19.1	1.30	20	4	43	9.5	.58	26	1	58.8	3.97	.241					
45	19	43	40	3.5	30	9	11	18.6	1.26	30	4	39	9.4	.57	27	1	53.8	3.81	.230					
50	19	17	39	3.4	40	8	58	18.1	1.22	40	4	35	9.3	.56	28	1	49.1	3.65	.219					
55	18	52	39	3.3	50	8	45	17.6	1.19	50	4	31	9.1	.55	29	1	44.7	3.50	.209					
2	0	18	29	3.2	6	0	8	33	17.2	1.15	12	0	4	38.1	9.00	.556	30	1	40.5	3.36	.201			
5	18	5	37	3.1	10	8	20	16.8	1.11	10	4	24.4	8.96	.548	31	1	36.6	3.23	.193					
10	17	43	36	3.0	20	8	9	16.4	1.09	20	4	20.8	8.74	.541	32	1	33.0	3.11	.186					
15	17	21	36	2.9	30	7	56	16.0	1.06	30	4	17.3	8.63	.533	33	1	29.5	2.99	.179					
20	17	0	35	2.8	40	7	47	15.7	1.03	40	4	13.9	8.51	.524	34	1	26.1	2.88	.173					
25	16	40	34	2.8	50	7	37	15.3	1.00	50	4	10.7	8.41	.517	35	1	23.0	2.78	.167					
30	16	21	33	2.7	7	0	7	27	15.0	.98	13	0	4	7.5	8.30	.509	36	1	20.0	2.68	.161			
35	16	2	33	2.7	10	7	17	14.6	.96	10	4	4.4	8.20	.503	37	1	17.1	2.58	.155					
40	15	45	32	2.6	20	7	8	14.3	.93	20	4	1.4	8.10	.496	38	1	14.4	2.49	.149					
45	15	25	32	2.5	30	6	59	14.1	.91	30	3	58.4	8.00	.490	39	1	11.8	2.40	.144					
50	15	6	31	2.4	40	6	51	13.8	.89	40	3	55.5	7.89	.482	40	1	9.3	2.32	.139					
55	14	51	30	2.3	50	6	43	13.5	.87	50	3	52.6	7.79	.476	41	1	6.9	2.24	.134					

Table of Refractions, continued.

App. Alt.	Ref. B. 30, Th. 50°.	Diff. for + 1 B.	Diff. for - 1° Fah.	App. Alt.	Ref. B. 30, Th. 50°.	Diff. for + 1 B.	Diff. for - 1° Fah.	App. Alt.	Ref. B. 30, Th. 50°.	Diff. for + 1 B.	Diff. for - 1° Fah.	App. Alt.	Ref. B. 30, Th. 50°.	Diff. for + 1 B.	Diff. for - 1° Fah.
°	' "	" "	" "	°	' "	" "	" "	°	' "	" "	" "	°	' "	" "	" "
42	1 4.6	2.16	.130	55	40.8	1.36	.082	67	24.7	.83	.050	79	11.3	.38	.023
43	1 2.4	2.09	.125	56	39.3	1.31	.079	68	23.5	.79	.047	80	10.2	.34	.021
44	1 0.3	2.02	.120	57	37.8	1.26	.076	69	22.4	.75	.045	81	9.2	.31	.018
45	58.1	1.95	.116	58	36.4	1.22	.073	70	21.3	.71	.043	82	8.2	.27	.016
46	56.1	1.88	.112	59	35.0	1.17	.070	71	19.9	.67	.040	83	7.1	.24	.014
47	54.2	1.81	.108	60	33.6	1.12	.067	72	18.8	.63	.038	84	6.1	.20	.012
48	52.3	1.75	.104	61	32.3	1.08	.065	73	17.7	.59	.036	85	5.1	.17	.010
49	50.5	1.69	.101	62	31.0	1.04	.062	74	16.6	.56	.033	86	4.1	.14	.008
50	48.8	1.63	.097	63	29.7	.99	.060	75	15.5	.52	.031	87	3.1	.10	.006
51	47.1	1.58	.094	64	28.4	.95	.057	76	14.4	.48	.029	88	2.0	.07	.004
52	45.4	1.52	.090	65	27.2	.91	.055	77	13.4	.45	.027	89	1.0	.03	.002
53	43.8	1.47	.088	66	25.9	.87	.052	78	12.3	.41	.025	90	0.0	.00	.000
54	42.2	1.41	.085												

The correction for an increase of altitude of one inch in the barometer, or for a depression of one degree in the thermometer, is to be *added* to the tabular refraction; but when the barometer is lower than 30 inches, or the thermometer higher than 47 degrees, the correction becomes *subtractive*.

When great accuracy is required, 0.003 inch should be deducted from the observed height of the barometer for each degree that the thermometer near it is above 50 degrees, and the same quantity added for an equal depression.

A Table of the Sun's Parallax in Altitude.

Sun's Alt.	Sun's Horizontal Parallax.					Sun's Alt.	Sun's Horizontal Parallax.				
°	8.4	8.5	8.6	8.7	8.8	°	8.4	8.5	8.6	8.7	8.8
0	8.40	8.50	8.60	8.70	8.80	45	5.94	6.01	6.08	6.15	6.22
5	8.37	8.47	8.57	8.67	8.77	50	5.40	5.46	5.53	5.59	5.66
10	8.27	8.37	8.47	8.57	8.67	55	4.82	4.88	4.93	4.99	5.05
15	8.11	8.21	8.31	8.40	8.50	60	4.20	4.25	4.30	4.35	4.40
20	7.89	7.99	8.08	8.18	8.27	65	3.55	3.59	3.63	3.68	3.72
25	7.61	7.70	7.79	7.88	7.98	70	2.87	2.91	2.94	2.98	3.01
30	7.28	7.36	7.45	7.53	7.62	75	2.17	2.20	2.23	2.25	2.28
35	6.88	6.96	7.04	7.13	7.21	80	1.46	1.48	1.49	1.51	1.53
40	6.44	6.51	6.59	6.66	6.74	85	0.73	0.74	0.75	0.76	0.77
45	5.94	6.01	6.08	6.15	6.22	90	0.00	0.00	0.00	0.00	0.00

Logarithm for converting Sidereal into Mean Solar Time + 9.9988126.

" " " Mean Solar into Sidereal Time + 0.0011874.

A second of time at the Equator contains 1521 feet.

## RECENT DISCOVERIES IN ASTRONOMY, RELATING TO THE COMETS.

*By Professor J. Lovering of Harvard University.*

COMETOGRAPHY has not fallen behind other branches of astronomy in the rapid growth it has made during the last ten years. This period has been marked by the appearance of one of the most remarkable comets on record, that of 1843; by the publication of diligent observations in the northern and southern hemispheres on the last appearance of Halley's comet in 1835; by the third return of Biela's comet to its perihelion (in 1846) since the discovery of its periodical character, and the singular display it made on that occasion; by four appearances of Encke's comet, namely, in 1842, 1845, 1848, and 1852, completing ten perihelion returns since its period was predicted; by the discovery of four new periodical comets, and many others not known to be so.

Captain Smyth\* observed in 1844, "Of the six or seven hundred comets which are on record, about one hundred and forty have had their orbits computed." Delambre in 1814 tabulated one hundred and seventeen.† Arago's list, which he referred to 1831,‡ contained one hundred and thirty-seven different orbits of comets. Mr. Hind has calculated the orbits of five or more comets from Chinese observations.§ The catalogue of all the orbits of comets which had been computed, which was published by Professor Peirce in the American Almanac for 1847, contains the orbits of one hundred and seventy-seven independent comets. The reader will find, in some of the earlier volumes of this publication, ample information concerning comets in general, and the most distinguished comets of former times. It is only necessary here to complete the catalogue down to the present time, and give the results of recent observations on individual comets.

In 1817, Damoiseau gained the Turin prize for calculating with precision the return of Halley's comet in 1835. In 1833, a prize was awarded to Pontecoulant for a similar service. The perihelion return of this comet was also calculated by Lubbock and Dr. Lehmann.|| Rosenberger took account of all the perturbations from 1682 to 1835, and received for his labors the gold medal of the Astronomical Society of London.¶ The perihelion return was assigned by these various astronomers respectively at November 4-5; November 7-8; October 30-31; November 26-27; and November 11-12. Lehmann's prediction\*\* was published on the 25th of July, 1835. The perihelion passage was really made, according to the computations of Stratford, on November 15-16. The comet was first seen at Rome by Dumouchel and De Vico on the 5th of August, 1835. On the 23d of August, Arago showed by his polariscope that the planet shone with

\* *Cycle*, I. 249.

† Delambre's *Astron. Theor. et Prat.*, III. 415.

‡ *Annuaire des Longitudes*, 1832. Third Edition.

§ *Astronomische Nachrichten*, XXI. 282.

|| Smyth's *Cycle*, I. 238.

¶ *Mem. of Astron. Soc.*

\*\* Herschel's *Outlines*, 350.



reflected light. The comet was generally visible in the autumn of that year in the northern hemisphere, and passed the spring of the next year in the southern hemisphere. Never before had so conspicuous a comet been studied with so much care by gifted astronomers, and with excellent instruments, — Struve at Pulkova,\* Bessel at Königsberg,† Herschel at the Cape of Good Hope,‡ Smyth at Bedford,§ and Airy at Cambridge. ||

The following conclusions, drawn from the singular conduct of Halley's comet at this its last appearance, are presented in Herschel's *Outlines*: ¶ —

“Reflecting on these phenomena, and carefully considering the evidence afforded by the numerous and elaborately executed drawings which have been placed on record by observers, it seems impossible to avoid the following conclusions.

“1st. That the matter of the nucleus of a comet is powerfully excited and dilated into a vaporous state by the action of the sun's rays, escaping in streams and jets at those points of its surface which oppose the least resistance, and in all probability throwing that surface or the nucleus itself into irregular motions by its reaction in the act of so escaping, and thus altering its direction.

“2dly. That this process chiefly takes place in that portion of the nucleus which is turned towards the sun; the vapor escaping chiefly in that direction.

“3dly. That, when so emitted, it is prevented from proceeding in the direction originally impressed upon it, by some force directed *from* the sun, drifting it back and carrying it out to vast distances behind the nucleus, forming the tail or so much of the tail as can be considered as consisting of material substance.

“4thly. That this force, whatever its nature, acts unequally on the materials of the comet, the greater portion remaining unvaporized, and a considerable part of the vapor actually produced remaining in its neighborhood, forming the head and coma.

“5thly. That the force thus acting on the materials of the tail cannot possibly be identical with the ordinary gravitation of matter, being centrifugal or repulsive, as respects the sun, and of an energy very far exceeding the gravitating force towards that luminary. This will be evident if we consider the enormous velocity with which the matter of the tail is carried backwards, in opposition both to the motion which it had as part of the nucleus, and to that which it acquired in the act of its emission, both which motions have to be destroyed in the first instance, before any movement in the contrary direction can be impressed.

“6thly. That unless the matter of the tail thus repelled from the sun be retained by a peculiar and highly energetic attraction to the nucleus, differing from and exceptional to the ordinary power of gravitation, it must leave the nucleus altogether; being in effect carried far beyond the coercive

\* *Beobachtungen des Halley'schen Cometen.*

† *Resulte, &c.*, pp. 393–413.

|| *Ibid.*, XVI. 337.

† *Astron. Nachr.*, XIII.

§ *Mem. Astron. Soc.*, IX. 229.

¶ Pp. 352, 353.

power of so feeble a gravitating force as would correspond to the minute mass of the nucleus; and it is therefore very conceivable that a comet may lose, at every approach to the sun, a portion of that peculiar matter, whatever it be, on which the production of its tail depends, the remainder being of course less excitable by the solar action, and more impassive to his rays, and therefore, *pro tanto*, more nearly approximating to the nature of the planetary bodies."

Laugier has recently presented two memoirs\* to the French Academy on ancient appearances of Halley's comet. He made use for this purpose of the description of comets which E. Biot obtained from the Chinese historians, and presented to the French Board of Longitude. Thus the comet can now be traced back through nine perihelion passages. Its disturbed period of revolution has varied from 77.58 to 74.91 years. Bessel calculated that if the mass of the comet had experienced a loss of one 23,000th of the whole quantity, the period of the comet would be diminished by 1,607 days.

The history of the discovery of Encke's comet,† its orbit, its very short period of a little more than three years, and the speculations to which its premature return has led, are well known, and are recorded in other volumes of this Almanac. This comet came to its perihelion, for the seventh time since its period was computed, on the 12th of April, 1842.‡ At that return, it was seen by Galle at Berlin on the 9th of February; on the 12th of March by Laugier and Mauvais at Paris; and on the 10th of March by Valz at Marseilles.§ It was also seen at Philadelphia on the 28th of March by Professor Kendall, and was observed there by him and by Mr. S. C. Walker in March and April.|| It was seen at Cambridge by Mr. B. A. Gould, Jr. on the 10th of April, this being the first fair evening after the comet was seen in the United States.¶ Encke's comet was observed at Hudson by Professor Loomis from March 28 to April 11. Encke did not expect that this comet, which he calls Pons's comet, but which all other astronomers call Encke's comet, would be visible in the northern hemisphere. As it had never been missed since 1819, he was anxious it should be observed in the southern hemisphere, and sent an ephemeris to England to be distributed among the Australian colonies of Great Britain. Encke's comet returned again to its perihelion on August 9, 1845.\*\* But only five observations were made upon it; two at Rome, where it was first seen by De Vico,†† July 9, and again on the 14th; two at Washington, where it was seen July 10; and one at Philadelphia,‡‡ by S. C. Walker, on July 4, who therefore had the first sight of it.

Encke's comet returned again to its perihelion on the 26th of November,

\* *Compt. Rend.*, XVI. p. 1006, XXII. and XXIII. 1846; and *Astron. Nachr.*, XXIII. 377.

† *Astron. Nachr.*, XXI. 113-128.

‡ *Ibid.*, XIX. 186.

§ *Compt. Rend.*, XIV. 172.

|| *Astron. Nachr.*, XXI. 231.

¶ *Astron. Nachr.*, XXII. 203; *Phil. Mag.*, XX. 137.

\*\* *Astron. Nachr.*, XXIII. 84-92.

†† *Ibid.*, XXIII. 255.

‡‡ *Ibid.*, XXIV. 131; Gould's *Astron. Journ.*, I. 56, 134; *Compt. Rend.*, XXVII. 343.

1848.\* It was seen at Cambridge, by Mr. Bond, August 28, and continued to be observed until the 25th of November. Captain Smyth remarked in 1844, "It has since been very generally observed at its successive epochs, and, though never yet seen by the naked eye, is, astronomically speaking, a well-known object." † In 1848, however, Mr. Bond says of October 8, "The comet is just visible to the naked eye"; and of November 3, "It is plainly visible to the naked eye." ‡ Humboldt observes in his *Cosmos*, "Encke's comet has several times, although with difficulty, been observed by the naked eye, as in Europe in 1819, and, according to Rümker, in New Holland in 1822." § Encke's comet was also observed at Washington from the 1st of September to the 15th of November. || The comet appears to have been first seen in Europe by Mr. Hind of London, on the 3d and 4th of September. It was afterwards observed at most of the foreign observatories. Colla ¶ at Rome saw it on the 20th of September. On the 22d of November the comet came very near to Mercury, that is, within a distance equal to fifteen times the moon's distance from the earth.\*\* This is not so near an approach as the comet of 1770 made to the earth. Encke's comet came once more to its perihelion on the 14th of March, 1852.††

Biela's comet was discovered by Biela in 1826; its orbit was calculated by Gambart. Santini has given particular attention to it, and done for Biela's comet what Encke did for the comet which bears his name. At its perihelion return, in 1832, there was an intense popular apprehension, particularly in France, that it would run down the earth.‡‡ It was invisible in its next return to the perihelion, in 1839. Its last passage through that point of its orbit was within four hours of the time calculated by Santini. At this appearance it was first seen at Berlin on the 29th of November, 1845, and at Cambridge, England, on the 1st of December. On the 19th of December, Mr. Hind of Bishop's Observatory, near London, thought it appeared unusually elongated and pear-shaped.

On the 13th of January, 1846, it was first discovered to be double. This observation, originally made at the Washington Observatory, was confirmed on the 15th of the same month by another witness, Mr. Challis of Cambridge, England. § § The distance between the two parts of Biela's comet increased, till, finally, it was too large to allow of any sensible attraction being exerted by one upon the other. The new offshoot from the old comet, though faint at first, began to increase in size and brightness till it equalled the old comet, and finally eclipsed it. Afterwards it grew faint again, and disappeared entirely from sight on March 15. The comet continued single from this time until it ceased, on the 22d of April, to be seen at all. The distance between the comet and its strange companion and

\* *Astron. Nachr.*, XXVII. 115.

† *Astron. Nachr.*, XXXI. 39; *Proc. Amer. Acad.*, II. 139.

‡ *Astron. Journ.*, I. 117.

\*\* *Astron. Nachr.*, XXVII. 115.

†† *Annuaire des Longitudes*, 1832.

‡ *Cycle*, I. 250, 251.

§ I. 92.

¶ *Compt. Rend.*, XXVII. 3432.

‡‡ *Astron. Nachr.*, XXXIII. 405, 245; XXXIV. 17.

§ § *Phil. Mag.*, XXVIII.

apparent offspring, from February 10 to March 15, was about two thirds of the moon's distance from the earth. Much of the change in distance was apparent, and not real. Professor Plantamour of Geneva has investigated the motions of the separate parts on the supposition that they were independent bodies. From his elements, it would appear that there must be a difference of sixteen days in their next return to the perihelion. This comet, with all its singularities, was carefully observed at Washington.\* Professor Coffin has given separate orbits for the two parts,† which differ even more in the time of revolution than those of the astronomer of Geneva. Mr. Herschel closes the case of this comet, in his *Outlines*, as follows: ‡ “And it will be, therefore, necessary, at their next reappearance, to look out for each comet as a separate and independent body, computing its place from these elements as if the other had no existence. Nevertheless, as it is still perfectly possible that some link of connection may subsist between them (if, indeed, by some unknown process the companion has not been actually reabsorbed), it will not be advisable to rely on this calculation to the neglect of a most vigilant search throughout the whole neighborhood of the more conspicuous one, lest the opportunity should be lost of pursuing to its conclusion the history of this strange occurrence.” Mention is said to be made in the Chinese annals of a comet with three heads. On the duality of Biela's comet Mr. Herschel has this note: § “To say nothing of a singular surmise of Kepler, that two great comets *seen at once* in 1618 might be a single comet separated into two, the following passage of Hevelius, cited by M. Littrow (*Nach.*, 564), does really seem to refer to some phenomenon bearing at least a certain analogy to it. ‘In ipso disco,’ he says (*Cometographia*, 326), ‘*quatuor vel quinque corpuscula quædam sive nucleos reliquo corpore aliquanto densiores ostendebat.*’” Santini, after estimating the disturbing action of Jupiter and Saturn, has calculated the next perihelion passage of Biela's comet for September 28th, 1852. ||

In the year 1556 a comet appeared, the elements of which were computed by Halley, and found to agree with those of another comet which was seen in Europe and China in the summer of 1264, with a tail exceeding 100° in length. Pingré and Dunthorne computed the elements of the comet of 1264, and Pingré insisted on the identity between this comet and that of 1556.¶ Hind has gone over again the calculation of Halley for the comet of 1556, and reached the same conclusion. The interval between 1264 and 1556 would give to the comet which appeared at both of these times a period of 292 years. Hence this comet might return again in 1848.\*\* Hind also supposed that the comet visible in 975 gave indications of being another yet earlier appearance of the same body.†† The

\* Gould's *Astron. Journ.*, I. 135, 136; *Astron. Nachr.*, XXIV. 135-140.

† *Amer. Alm. for 1847*, p. 92.

‡ Pp. 361, 362.

§ *Outlines*, p. 359; *Compt. Rend.*, XX. 334; XXII. 644.

|| *Compt. Rend.*, XXXI. 496; *Astron. Nachr.*, XXXII. 95.

¶ *Cometographie*, I. 411.

\*\* Lalande, 3186; *Astron. Nachr.*, XXI. 193; *Phil. Mag.*, XXXI. 50.

†† *On the Expected Return of the Great Comet of 1264 and 1556*. By J. R. Hind. 1848.

Chinese annalists describe comets which were visible in the years 395 and 104. If all these cometary appearances are exhibitions of one body returning at these various periods to its long deserted perihelion, the average duration of its revolution falls short of 292 years. It is obvious, however, that the period of a comet will be disturbed from time to time by the perturbations of the planets, which, as they are never encountered by the comet under the same relative configuration, will never twice produce precisely the same effect. Mr. Madler calculated the disturbances of the comet of 1556.\* Mr. Barber found that from 1556 to 1592 Jupiter and Saturn together diminished the period of the comet by 263 days, and between 1592 and 1806 Jupiter alone increased it by 751 days, so that the period was in the long run increased by 488 days. The whole effect of Uranus and Neptune, and a part of Saturn's also, were neglected. Mr. Bomme of Middleburg, Netherlands, has published a complete memoir on the subject.† He takes into account the influence of the four exterior planets since 1264, and that of the Earth and Venus while the comet was near them in 1556, and he calculates that the orbit in which the comet was moving in 1264 corresponded to a period of  $302\gamma.922$ ; that the orbit in which it moved in 1556 had a period of  $308\gamma.169$ ; that the perturbations suffered since that time will diminish the current period by 2166 days, so as to leave it  $302\gamma.25$ . The comet will pass through its perihelion, therefore, on the 2d of August, 1858, and will be describing then an orbit of 112785 days. If Halley's elements are taken in place of Hind's, the approaching perihelion passage will be on the 22d of August, 1860. If the true elements lie between those of Hind and those of Halley, the comet must make its appearance between 1858 and 1860. Thus the long-continued delay of this comet, which was first expected in 1848, and of which Herschel ‡ was almost ready to despair some time ago, is satisfactorily explained; and its return is postponed for at least six years longer. A prize has been offered by the Academy at Modena for the best discussion of the observations of the comets of 1264 and 1556.

Professor Peirce's catalogue, already quoted, gives the elements of the four new comets which were seen in 1840. The first was discovered by Galle, December 2, 1839, and passed its perihelion January 4, 1840. The second, discovered by Galle on the 25th of January, has a period assigned to it of 2423 years. The third was discovered by Galle, March 6, and passed its perihelion April 2. The fourth, discovered by Bremiker, October 26, has received a period from Götze § of 360 years. It passed its perihelion November 13. A single comet graced the sky in 1842, the elements of which are also given in the same catalogue. It was discovered on the 28th of October, by Laugier, of Paris. The year 1843 was highly favored. First came the great comet of that year, || in all respects as remarkable as any on record. It was distinguished by its great length of tail, its brightness, its periodicity, and its small perihelion distance. Mac-

\* *Astron. Nachr.*, XXI. 337.

† *Proeve eener Berekening der Steringen in die Loopbaan der Komeet van 1264-1556.* Amsterdam. 1850.

‡ *Outlines*, p 356.

§ *Astron. Nachr.*, XXII. 247.

|| *Ibid.*, XX. 289, 397.

lear, who remembered the great comet of 1811, says it was not half as brilliant as that of 1843. The latter was visible almost at noonday; it had sometimes a tail  $69^\circ$  in apparent length, or 108,000,000 miles. Bessel said that it seemed to have exhausted its head in the manufacture of its tail. Clerihew observed, at Calcutta, that on the 11th of March it shot off a secondary tail  $100^\circ$  in length in one day, fainter than the primitive tail, and making an angle of  $18^\circ$  with it on the southern side.\* Many computed orbits brought it within 60,000 miles of the sun's surface, so that the apparent diameter of the sun exceeded  $120^\circ$ , and the area it covered on the sky was from forty to fifty thousand times as great as the apparent disc of the sun to us. Herschel estimates the heating power of the sun at this propinquity twenty-four times as great as that in the focus of Parker's great lens, which melted carnelian, agate, and rock-crystal.† This comet hurried round the sun at the rate of 366 miles a second; it occupied only  $2\frac{1}{2}$  hours in going from its ascending to its descending node, and it described  $291^\circ$  of anomaly in a single day. Walker at one time thought the comet must have struck the sun, and Plantamour believed that at least it must have grazed the sun's atmosphere. This comet was first seen by Captain Ray, at Conception, on the 27th of February, and east of the sun. It was observed at the Cape of Good Hope on the 3d of March, at Trevandrum,‡ India, on the 6th, and at Cambridge, U. S., on the 9th of March. In Europe, it was first seen at Rome and Naples on the 17th. It was observed at Philadelphia till the 10th of April, and was possibly seen by Encke on the 15th of the same month.

Circumstances were not favorable to good observations, from which a correct orbit could be deduced. The comet was visible for a very short time, during which it moved over a small arc, and that near to the horizon. Moreover, before all the observations came to hand, other new and interesting comets had been discovered, which distracted the attention of astronomers. The volume of this Almanac for 1844 contains a list of 38 different orbits, calculated by different astronomers, and accompanied by an able discussion of the whole subject by Professor Peirce. Recently, Professor J. S. Hubbard of the Washington Observatory has subjected to rigid examination all the observations, amounting to 140, and deduced a new set of elements.§ Some astronomers supposed the comet of 1843 identical with that of 1668, and assigned to it a period of about 175 years. Henderson, who adopted this view, stated that he had in his possession a map representing the apparent track of the comet of 1668, as seen at Goa in the East Indies.|| Others thought the comet of 1843 identical with that of 1668, and also with that of 1689. Professor Peirce discovered a mistake in Pingré's calculation of the latter, which changed the inclination of its orbit from  $69^\circ$  to  $30^\circ$ . Vogel has recently recomputed the orbit, and, by a new construction of the language in which one observation is described, has changed the inclination back again to  $59^\circ$ .¶ Various ellipses have been as-

\* *Astron. Nachr.*, XXI. 199.

† *Mem. Astron. Soc.*, XV. 229.

‡ *Smyth's Cycle*, I. 247.

† *Outlines*, pp. 369, 370.

§ *Astron. Journ.*, I. 153.

¶ *Astron. Nachr.*, XXXIV. 387-389.

signed to the comet of 1843, having periods between 6\* and 189 years; and some computers have obtained even a hyperbolic orbit. As the result of his discussion, Mr. Hubbard assigned to this comet a period of about 532 years, subject, however, to considerable uncertainty.† He considers the identity of the comet of 1843 with that of 1668, which had been rendered probable by the similarity in the physical phenomena which each displayed, as not sustained. A parabolic orbit is also improbable. The observations of February 28 and the series at the Cape of Good Hope have considerably narrowed the limits of the periodic time. "How far," Mr. Hubbard continues, "the operation of polar force in the comet itself, — a force of whose existence we can now have no doubt, — or of the want of coincidence of the centre of gravity with the centre of apparent condensation, may modify conclusions drawn irrespective of these causes, is a question not perhaps too difficult for theory, if our observations possessed more value."‡

A second comet was discovered by Mauvais on the 3d of May, 1843, for which three sets of elements are given in the Almanac for 1847, and eight sets in Schumacher's *Intelligencer*.§ On the 22d of November a third comet, now known as Faye's, was discovered by that astronomer at Paris. Five sets of elements are assigned to it in the catalogue of comets to which we have just referred, and eight parabolic and thirteen elliptic orbits in Schumacher's *Intelligencer*.|| This comet was rediscovered at New Haven on the 27th of December, by Mr. J. S. Hubbard. The orbit approaches a circle more nearly than any other known comet, and lies between the orbits of Mars and Jupiter, and almost cuts the orbit of the latter. The late Professor Henderson of Edinburgh suspected, from its short period (a little more than seven years), that it might be the missing comet of Lexell. In a letter of February 10, 1844, he says: "In several respects this comet is very remarkable; and it may afford room for speculation regarding its identity with the lost comet of 1770. The orbit resembles more nearly the elliptical orbits of the planets than those of the periodic comets yet known. In its aphelion and perihelion it approaches nearly the orbits of Jupiter and Mars, and must occasionally experience great perturbations from the former. It also passes within comparatively small distances of the orbits of the minor planets."¶ Valz of Nismes\*\* presented a paper to the French Institute, on the 22d of April, 1844, in which he recognized the identity of Faye's comet with that of 1770. Leverrier, after revising the orbit calculated for the new comet by Nicolai, decides that the supposed identity is impossible. Faye's comet was predicted to return to its perihelion on the 3d of April,†† 1851, with a possible error of one or two days. Challis saw it at Cambridge, England, on the 28th of November, 1850, and continued to observe it to March 4.‡‡ It was seen at Cambridge, U. S.,

\* *Astron. Nachr.*, XXI. 74, 155.

† *Ibid.*, p. 156.

|| *Ibid.*, XXI. and XXII.

\*\* *Compt. Rend.*, XVIII.; *Astron. Nachr.*, XXI. 371.

†† *Astron. Nachr.*, XXIII.

† *Astron. Journ.*, II. 154.

§ *Astron. Nachr.*, XXI. and XXII.

¶ *Synth's Cycle*, I. 246.

‡‡ *Compt. Rend.*, XXXII. 812.

by Mr. Bond, on the 1st of January, 1851, and by O. Struve at Pulkowa, January 24.\*

Three comets appeared in 1844. The first was discovered on the 22d of August, by De Vico, at Rome, and is known under the name of De Vico's comet. It was rediscovered on the 10th of September, by H. L. Smith of Cleveland, Ohio.† Mr. Peirce's catalogue contains four orbits of this comet, computed respectively by Nicolai, Hind, Goldschmidt, and Faye. Mr. Herschel, in his Outlines,‡ has given the corrected orbits of these astronomers, and in addition two wholly new orbits, one by Schubert and the other by Brünnow. Brünnow made use of all the observations of four months, calculated the disturbances of the planets till 1855, and finally assigned to the comet a period of 1996½ days. According to this period, it would return to its perihelion about the 20th of February, 1850. But there is no record that it was seen.

Langier and Mauvais conjectured that this comet was identical with the one which appeared in 1585. The latter was observed by Tycho and Rothmann, and an orbit computed for it from their observations by the astronomers who hazarded this conjecture.§ They also thought it might be the same as the comets which were seen in 1743, 1776, and 1819. In 1846, the king of Denmark offered the comet-medal (worth twenty Dutch ducats) for the best discussion of Tycho's observations of the comet of 1585. Gauss was appointed to judge on the matter, the 1st of July, 1847. ||

Clausen ¶ published a paper on the identity of the comet of 1770 with the comets of short period recently discovered. Leverrier\*\* has carefully computed the perturbations to which this comet is subject, and concludes that it cannot be the same as that of 1770, 1585, or any other on record, except possibly that seen in 1678. Dr. Brünnow corroborates these results of Leverrier's calculations. If this comet had been seen previous to 1844 only once in 166 years, though supposed to have been moving all that time in its present orbit, it is perhaps not surprising that it should have escaped astronomers in 1850.

A second comet (discovered by Mauvais, at Paris, July 7) passed its perihelion on the 17th of October, and a third on the 13th of December. The twenty-second volume of Schumacher's *Intelligencer* contains ten sets of elements for the former comet. Peirce's catalogue contains one orbit for the former and two for the latter, all by Hind. One of the orbits for the third comet of this year has a period of about 41½ years. This, which is the great comet of 1844, sometimes called Wilmot's comet, was first seen at the Cape of Good Hope, on the 18th of December, 1844, five days after its perihelion passage.†† It was seen on the next day at the Cape Observa-

\* *Compt. Rend.*, XXXII. 63, 303, 304; *Astron. Nach.*, XXXI. 63.

† Loomis, *Recent Progress of Astronomy*, p. 96.

‡ P. 365.

§ *Astron. Nachr.*, XXII. 247, 248; XXIII. 378; XXVI. 110, 341.

|| *Ibid.*, XXIII. 65.

¶ *Ibid.*, XXII. 139.

\*\* *Ibid.*, XXVI. 375; *Compt. Rend.*, XXV. 561, 917; *Astron. Nachr.*, XXII. 248; *Proc. Amer. Acad.*, I 296.

†† *Mem. Astron. Soc.*, XV. 251.



tory, by Wilmot and Maclear. It was visible to the naked eye from its first discovery to the end of January, 1845, and it did not escape the reach of the telescope till the end of March. This comet rivalled in brilliancy Halley's comet, as it was observed at the Cape in 1835. Its southern declination diminished so much, that it became visible in the northern hemisphere after it had attained its telescopic distance. It was discovered in the North on the 5th of February by Professor Colla of Parma, and on the 7th by Mr. Cooper of Naples and Dr. Peters.\* Suspicions were entertained that this comet might be the same as that of 1556.† After making liberal allowance for the perturbations produced upon it, particularly by the earth, near which it remained three weeks in March, 1556, the elements of the comet of 1556 have only a very rude resemblance to those of the comet of 1844-5; unless we except the periodic time, which is 292 years for the former, and 289 years for the latter, if identical with the former. The subject has been carefully reviewed recently by Mr. G. P. Bond,‡ who has canvassed all the observations made in the southern hemisphere, amounting to 138, and extending over an arc of 60°. He has obtained for the orbit of this comet an hyperbola which satisfies, as he says, the observations very much better than the parabola of Hind. He concludes thus: "This superiority of the new elements being manifest, it may be regarded as certain that the comets of 1556 and 1844-5 were not different appearances of the same body."

Three comets were discovered in 1845. Peirce's catalogue contains one orbit for the first, four for the second, and four also for the third. The first was discovered by D'Arrest, at Berlin, on the 28th of December, 1844, and passed its perihelion on the 8th of January, 1845. The second was discovered by De Vico, at Rome, on the 25th of February, 1845, and passed its perihelion between the 20th and 23d of April. The third, to which D'Arrest assigns a period of 250 years, was discovered on the 3d of June by Colla, at Parma, in the constellation Perseus. It was seen at nearly the same hour of local time by G. P. Bond, of Cambridge, and was observed from the 2d to the 26th of June, astronomical time.§ It was observed at Washington on the 4th of June,|| and eight observations upon it were made there, the last on July 1. No European observations were made till the 7th of June. Mr. Mitchell of Nantucket states that a Southern gentleman of this country saw the comet on the 31st of May. He adds: "And yet this comet is called Colla's comet throughout Europe, and the Professor has claimed, and it is supposed obtained, the medal of the king of Denmark, although beyond question this was an American discovery."

Eight comets were visible in 1846, seven of which are new. On the 24th of January a comet was discovered by De Vico, at Rome, which had already passed its perihelion two days before, and for which elements by Hind are given in Peirce's catalogue. The second comet of this year was Biela's, the singularity of whose appearance at this return has been already

\* *Astron. Journ.*, I. 97.

† Hind's pamphlet on the comet of 1556.

‡ *Astron. Journ.*, I. 97.

§ *Astron. Nachr.*, XXIII. 271; *Proc. Amer. Acad.*, I. 17.

|| *Astron. Journ.*, I. 137.

described. The third comet of this year, known as Brorsen's comet, was discovered by Brorsen, at Kiel, on the 26th of February. Parabolic elements were calculated for it by Goujon. Elliptic elements, which are given by Professor Peirce, were also calculated by Goujon, which made the perihelion passage on February 25, and the period nearly five and a half years. Elliptic elements have also been calculated by Petersen, Brännow,\* Hind, and by Van Willingen and De Haan. Their periods lie between 1776 and 2042 days. The parabolic elements are similar to those of the comet of 1532. Valz thinks that there is some probability that this comet is the same as that of 1532 and 1661.† He also considers whether this and De Vico's periodical comet are not parts of a broken body.‡ The fourth comet of this year was discovered by De Vico, at Rome, February 20, and was rediscovered at Cambridge by G. P. Bond on February 26.§ It was observed by him very constantly from February 26 to May 19. || It was observed at Washington¶ from March 3 to May 2. Goujon and Peirce calculated parabolic elements for it. Mr. Peirce, finding that such an orbit was incapable of satisfying the observations, which continued to be made to the 21st of March, computed an elliptic orbit of about 74 years. This orbit, and two others by G. P. Bond, one of which had a period of 70 years, are contained in Peirce's catalogue. This comet made its perihelion passage on March 5.\*\* The fifth comet of this year was discovered on the 29th of July, by De Vico and Hind, the former claiming a priority of about two hours. Parabolic elements were computed for it, and its perihelion passage was assigned to the 20th of May. The sixth comet of this year was discovered by Peters, at Naples, on the 26th of June; it passed its perihelion on the 1st of June. D'Arrest has computed elliptic elements with a period of about 16 years. Peters calculated the period to be 13 years.†† Brorsen discovered the seventh comet of the year, and the second belonging to him, on the 30th of April. Wichman of Königsberg was an independent discoverer of it on the 1st of May, De Vico on the 2d, and G. P. Bond on the 19th.‡‡ Observations made at Washington have been published.§§ Elliptic elements were calculated by Wichman, and parabolic elements by Petersen, Walker, and Peirce. The last two sets are given in Peirce's catalogue. ¶ This comet passed its perihelion on the 5th of June. The eighth comet of this year was discovered by De Vico, at Rome, on the 23d of September.

Six new comets were discovered in 1847. The first comet of this year was discovered by Hind on the 5th of February. |||| It passed its perihelion on the 30th of March. Orbits were calculated by Villarceau, Hind, Vaiz, Butellen, Relshuber and Kremsmünster, Carlini, Hornstein, Struve,

\* *Astron. Nachr.*, XXIX. 321, 363, 377; XXX. 123. † *Compt. Rend.*, XXV. 611.

‡ *Ibid.*, XXV. 495, 496.

§ *Silliman's Journ.*, I. 447, 448; II. 137.

|| *Proc. Amer. Acad.*, I. 13.

¶ *Astron. Journ.*, I. 137.

\*\* *Astron. Nachr.*, XXIX. 130; XXX. 306; *Proc. Amer. Acad.*, I. 39.

†† *Astron. Nachr.*, XXVIII. 140.

‡‡ *Silliman's Journ.*, II. 138, 280; *Proc. Amer. Acad.*, I. 18.

§§ *Astron. Journ.*, I. 137.

|||| *Astron. Nachr.*, XXVI. 9, 101, 143.

Döllén, Peirce, Boreham, and G. P. Bond \* This comet approached very near the sun (.0442), but Hind was unable to see any phase, though he watched carefully for it, as other astronomers did also. On the 7th of May, a new comet was discovered by Colla of Parma, which continued visible in Lassell's telescope till the 30th of December. Goujon calculated the elements and assigned the perihelion passage to May 13. The orbit was changed by Littrow and Gautier, and the perihelion passage altered to the 4th of June.† On the 4th of July a new comet was discovered by Mauvais at Paris,‡ which passed its perihelion on the 8th of August. It was rediscovered at Cambridge, July 14, by G. P. Bond, and seen as late as April 21, 1848.§ The fourth comet of this year was discovered at Moscow, by Schweizer, on the 31st of August. An orbit was calculated for it by its discoverer, who made it pass its perihelion on the 9th of August.|| On the 20th of July, the fifth comet of this year was discovered by Brorsen, at Altona (being the third of that observer). Elements were calculated by Faye, which fixed the perihelion passage at the 10th of September, and which had some resemblance to those of the comet of 1656, calculated by Halley. Brorsen's comet continued visible until September 12, and parabolic elements were computed by Brorsen, Niebour, Powalky, and Quirling; ¶ and elliptic elements by Quirling and Niebour,\*\* and by D'Arrest †† The two sets of elliptic elements did not agree, and those of D'Arrest failed to represent faithfully subsequent observations. Such is the account given of this comet by Dr. Gould, who examined all the observations made on it at Altona, Hamburg, London, Königsberg, Bonn, Berlin, and Paris. The observations extend over 34 days, but cover only 40 minutes of mean anomaly. On this account the determination of the orbit has proved unusually troublesome. D'Arrest remarks that this comet furnishes a third example in which the fundamental observations are equally well satisfied by two entirely different orbits. One is an hyperbola and the other an ellipse with a period of 192 years. The orbit of Dr. Gould has a period of 81 years.‡‡ The sixth comet of this year was discovered by Miss Mitchell of Nantucket on the 1st of October, and is now described by her name. This comet was discovered independently by De Vico at Rome on the 3d, by Dawes of Camden Lodge on the 7th, and by Madame Rümker of Hamburg on the 11th. Schaub §§ of Vienna calculated an orbit which gave the comet a perihelion passage on the 15th of November.|||| For the discovery of this comet Miss Mitchell received the comet medal, instituted by the king of Denmark in 1831. This is the first and only award of the medal to an American observer, and the first honor of the kind which has been bestowed upon a lady. Miss Caroline Herschel, sister to the first Herschel,

\* *Astron. Nachr.*, XXVII. 345–348; *Proc. Amer. Acad.*, I. 69, 70.

† *Ibid.*, XXVII. 33; XXVI. 40, 49, 313; XXIX. 167.

‡ *Ibid.*, XXVII. 110; XXVI. 79, 80, 90, 93, 110, 148, 167; XXXI. 299.

§ *Silliman's Journ.*, IV. 287; *Proc. Amer. Acad.*, I. 109; II. 1.

|| *Astron. Nachr.*, XXVI. 207, 252, 258.

¶ *Ibid.*, XXVI. 155, 192.

\*\* *Ibid.*, XXVI. 185.

†† *Ibid.*, XXVI. 192; XXVIII. 219.

‡‡ *Astron. Journ.*, I. 147.

§§ *Astron. Nachr.*, XXVI. 287.

|||| *Ibid.*, XXVI. 245, 249, 260, 272, 275, 278, 287, 349, 368; *Proc. Amer. Acad.*, I. 183–191.

discovered with a two-foot Newtonian reflector the comets of 1786, 1788, 1791, 1793, and 1795, and three others, in which, however, she was anticipated.\* Astronomers have not known which most to admire, the "intellectual power of the brother, or the unconquerable industry of the sister." For her Zone Catalogue she received the gold medal of the Royal Astronomical Society of London. She had also the honor of being presented with the Great Gold Medal of Arts and Sciences by the king of Prussia, and of being elected an honorary member of the Royal Astronomical Society of London, and of the Irish Academy.

Only one new comet was added to the catalogue in 1848. This was discovered by Petersen on the 7th of August, 1848. The same comet was observed on the 1st of November by Graham and Cooper, on the 15th by Colla of Parma, on the 19th by Hind, and on the 25th by G. P. Bond. So great was the velocity, that Mr. Bond saw the comet in the act of motion. Elements were calculated by different computers, which gave the perihelion passage on the 8th of September.† The first comet of 1849 was discovered by Petersen, at Altona, on the 26th of October, 1848. Six different computers have calculated its elements.‡ This comet passed its perihelion, January 19. The second comet of this year was discovered by Goujon, at Paris, on the 15th of April. Orbits were calculated by Goujon, Argelander, G. Rümker, and Bregman. More than three hundred observations were made upon this comet, from which a corrected orbit was finally calculated by George Wgyer,§ assistant in the Naval School at Kiel.|| This comet passed its perihelion on the 26th of May.

The third comet of 1849 was discovered by Schweizer of Moscow, on the 11th of April. This was the third comet which this observer had discovered independently of other astronomers, though in the other two cases it afterwards appeared that he had been anticipated. He came near losing the third comet, since it was discovered by G. P. Bond at Cambridge on the same hour of the same night.¶ Thus the observer on the most eastern meridian was left with a priority in absolute time equal to the whole difference of longitude. The comet was also rediscovered on the 14th of April by Graham, and on the 24th of April by Beison of Marseilles. Sonntag calculated the elements, and found the comet had its perihelion passage on the 8th of June.\*\* The analogy which appeared between these elements and those of the second comet of 1748 has failed to prove them the same, as D'Arrest †† has calculated an orbit from an arc of  $152^{\circ}$ , which gives the comet of 1849 a period of 8375 years. The comet passed near the

\* *Astron. Nachr.*, XXVII. 67.

† *Ibid.*, XXVII. 367, 368, 370; XXVIII. 367; *Proc. Amer. Acad.*, II. 110.

‡ *Astron. Nachr.*, XXVIII. 62, 64, 108, 137, 139, 141, 222, 288; XXIX. 40, 92, 289, 305; *Proc. Amer. Acad.*, II. 140, 147.

§ *Astron. Nachr.*, XXVIII. 357, 360, 361; XXIX. 13, 31; XXX. 75, 342; XXXII. 387.

|| *Astron. Journ.*, I. 36.

¶ *Astron. Nachr.*, XXVIII. 367, 363; XXIX. 41, 64, 102, 123; *Silliman's Journ.*, VII. 449; *Proc. Amer. Acad.*, II. 158.

\*\* *Astron. Nachr.*, XXVIII. 355, 356, 361, 363, 364, 365.

†† *Astron. Journ.*, I. 37; *Proc. Amer. Acad.*, II. 149.

earth, and was seen with the naked eye in Cambridge and Salem. A single observation was made on a southern comet by Rev. Mr. Jenkins of Georgetown College, on his passage from Baltimore to Rio de Janeiro.\* The date is November 15, 1849. Nothing farther is known concerning it. Hind decided that it could not be the returning comet of 1556.†

The first comet of 1850 was discovered by Petersen, at Altona, on the 1st of May, and is called Petersen's third comet.‡ This comet was observed at Cambridge from May 29 to July 25.§ The comet was discovered near the north pole, and disappeared near the south pole, the inclination of its orbit being very great. Elements have been computed by Professor Hubbard of Washington; also by Sonntag and Götze, and a third set by D'Arrest.|| Five sets are given on pages 92 and 93 of volume first of Gould's *Astronomical Journal*. Eleven sets of elements will be found in volume thirty of Schumacher's *Astronomische Nachrichten*, and six more sets in volume thirty-one of the same.¶ Mr. W. C. Bond says, "The comet from its first appearance has presented a bright stellar point in its centre, as seen through the great refractor."\*\* Schumacher wrote on the 31st of May: "It is quite probable that the observations can no longer be represented by a parabola, but the undefined form of the faint nebulousity makes any conclusion from observations as yet quite unsafe, as each different observer will easily observe a different point. It is only very lately that Hind has been able, with his great refractor, to distinguish a bright point in the nebulousity, which you in America will *a fortiori* be able to distinguish and observe with your great refractors; so that we must look to you for the final conclusion concerning the orbit."†† This comet passed its perihelion on the 23d of July.

The second comet of 1850 was discovered by G. P. Bond of Cambridge, on the 29th of August, in the constellation Camelopardus, and is known as Bond's comet. This comet appeared quite faint, with a very slight concentration of light at the centre. This comet had four other independent discoverers; Brorsen saw it at Senftenberg on the 5th of September; Mauvais at Paris on the 9th; Robertson, Graham's assistant at Markree Castle, also on the 9th; and Clausen at Dorpat on the 14th of September.‡‡ This comet continued to be observed in Cambridge till the 13th of November. On the 19th of September it came within .4005 times the sun's distance of the earth.§§ Its tail at times was four or five degrees long, with some curvature. Elements of this comet have been calculated by G. P. Bond, Runkle, and Safford ||| in this country, and by ten different computers in Europe ¶¶ The comet passed its perihelion on the 19th of October.

The first comet of 1851 was discovered on the 28th of June, at Leipsic, by

\* *Astron. Journ.*, I. 79.

† *Astron. Nachr.*, XXX. 275, 276.

‡ *Astron. Journ.*, I. 72.

§ *Ibid.*, I. 110.

|| *Ibid.*, I. 109.

¶ Also *Compt. Rend.*, XXX. 581, 716, 717; XXXI. 385; XXXII. 105, 131.

\*\* *Astron. Journ.*, I. 96.

†† *Ibid.*, I. 87.

‡‡ *Astron. Nachr.*, XXXI. 189, 192, 209, 229; *Compt. Rend.*, XXXI. 422.

§§ *Astron. Journ.*, I. 128; II. 86; *Astron. Nachr.*, XXXII. 95, 107.

||| *Astron. Journ.*, I. 131.

¶¶ *Astron. Nachr.*, XXXI. 211, 212, 219, 235, 253, 254, 277, 278, 286, 299, 320.

D'Arrest,\* who calculated an orbit for it which made it reach its perihelion on the 6th of July. It was observed at different places in Europe, and at Washington in this country; and various orbits, parabolic and elliptic, were calculated for it.† Vogel computed an elliptic orbit having a period of 2709 days.‡ The similarity of elements, except in the *inclination*, suggested to Valz and Villarceau an identity between this comet and that of 1678; § but D'Arrest discarded the pretended resemblance, inasmuch as Leverrier and Brünnow had recognized a former appearance of De Vico's comet in that of 1678, and also because no disturbance could have changed the old inclination into the present one, without nullifying the similarity of orbits in other respects. ||

The second comet of 1851 was first seen at Senftenberg, by Brorsen, on the 1st of August. It passed its perihelion on the 26th of August. ¶ Continued observations were made on it at the place of its discovery till the 30th of September. It was observed near the middle of August at Bonn, and about the close of the month at Kasan, Cambridge, U. S., and Washington.\*\* Before its disappearance it was observed very generally in Europe. C. Rümker commented on the nucleus of this comet, as very distinct and fine. Elliptic and parabolic elements have been computed for it. ††

The third comet of 1851 was discovered at Senftenberg, on the 22d of October, by Brorsen. ‡‡ It had two tails, the smaller being turned towards the sun. § § This comet was observed at Vienna, Bonn, Berlin, Senftenberg, Liverpool, and Cambridge, England. Seven sets of elements have already been computed for it. || || It was not seen at Altona or Hamburg. "It seems," says Mr. A. C. Petersen, "to have been one of those comets whose light decreases with great rapidity as they move away from the sun (it passed its perihelion September 30); for although it was seen in Vienna with the naked eye on the 24th of October, it is now (November 18) so faint that we shall not probably receive any more observations of it." Mr. Hartnup of Liverpool says of it: "The nucleus was steadily seen on the 12th [November], generally as a very minute star, but occasionally, for intervals of a few seconds, it appeared quite bright, and had a rather large planetary disc."

The first comet of 1852 was discovered at Marseilles, on the 15th of May, by Chacornac. ¶ ¶ It was rediscovered at Altona, by Petersen, on the 17th of May, and at Cambridge, U. S., by G. P. Bond, on the 18th of May. \*\*\* It also appears that the object was seen at Moscow, by Schweizer, on the 7th of May, though he was prevented by circumstances from establishing its character as a comet. ††† This comet was generally observed in Europe. It was watched at Cambridge from May 18 to June 14. Mr. W. C.

\* *Astron. Nachr.*, XXXII. 327, 378; *Compt. Rend.*, XXXIII. 12.

† *Astron. Nachr.*, XXXIII. 31.

‡ *Ibid.*, XXXII. 342, 377; XXXIII. 47.

§ *Astron. Nachr.*, XXXIII. 66; *Compt. Rend.*, XXXIII.

|| See *Astron. Nachr.*, XXXIII. 404.

¶ *Ibid.*, XXXIII. 26.

\*\* *Ibid.*, XXXIII. 17, 149, 233, 335; *Astron. Journ.*, II. 42, 43.

†† *Astron. Nachr.*, XXXIII. ‡ *Ibid.*, XXXIII. 207.

§§ *Astron. Journ.*, II. 69.

||| *Astron. Nachr.*, XXXIII. and XXXIV.; *Astron. Journ.*, II. 79.

¶¶ *Astron. Nachr.*, XXXIV. 265.

\*\*\* *Ibid.*, 265, 333.

††† *Astron. Journ.*, I'

Bond says of it: "The comet, through its whole apparition, has been faint, and without a marked concentration of light." \* This faintness makes it the more remarkable and the more creditable that it should have been detected by four independent discoverers. Elements have been computed by G. P. Bond, C. W. Tuttle, and J. B. Bradford in this country, and by A. Sonntag and Hartwig abroad.† Valz has conjectured that an identity exists between this comet and the second comet of 1827. But there is nothing in the observations to suggest such an ellipticity of orbit as is required for so short a period of revolution as twenty-five years. The parabolic orbit satisfies all the observations.‡

The second comet of 1852 was discovered at Göttingen, on the 24th of July, by Dr. Westphal,§ for which Sonntag and George Rümker have calculated elements. The latter has pointed out some analogy between them and those of the comet of 1793. If the second comet of 1793 (see Peirce's Table) is the one to which reference is made, the resemblance is very remote. This comet has been observed at Altona, Berlin, and Washington. It was also discovered, August 9, in Constantinople, by C. H. F. Peters.||

Galle's catalogue makes the number of computed orbits down to the year 1847 amount to 178.¶ Many have been discovered since. They threaten to become, as Kepler described them, *ut pisces in oceano*. In the sixteenth century 43 comets were visible to the naked eye; in the seventeenth, 12, of which two only belong to the first half. In the eighteenth century 8 cases occurred, and 9 during the first half of the nineteenth century. The comets which appeared from the middle of the third to the end of the fourteenth century are calculated from the Chinese observations. Halley's comet, at its appearance in 1456, is the first orbit calculated from observations made in Europe.

For nearly a century a class of astronomers has existed who have devoted themselves exclusively to the study of comets. The late Dr. Olbers began his career, while yet hardly twenty years old, with the comet of 1779, which he observed and calculated at Göttingen. Part of the labor he performed in the night, while watching with a patient. Olbers invented a new method of treating the observations, and finally became highly distinguished in this branch of astronomy. Messier began with the comet of 1759, and discovered twenty before he closed his labors. He was inconsolable for one which he lost on account of the sickness and death of his wife. Pons discovered twenty-seven in twenty-one years; of these, three were found in two months in 1822. He discovered the comet now known as Encke's in 1805, and again in 1819. When Halley's comet returned in 1759, it was considered remarkable that three comets should be visible in one year. The number and skill of observers have so far increased, that four comets were discovered in each of the years 1819, 1825, and 1840, five in 1826, six in 1847, and eight in 1846. In three months of 1840 Galle

\* *Astron. Nachr.*, XXXV. 49; *Astron. Journ.*, II. 174.

† *Astron. Nachr.*, XXXIV. 267, 347, 348; XXXV. 15, 59; *Astron. Journ.*, II. 131, 167.

‡ *Astron. Journ.*, II. 167.

§ *Astron. Nachr.*, XXXV. 43, 61, 63; *Astron. Journ.*, II. 183.

¶ *Astron. Journ.*, II. 188.

‡ *Cosmos*, IV. 537.

discovered three new comets. G. P. Bond has made an independent discovery of eleven comets, nine of which are telescopic. De Vico was laborious and eminently successful. But it is not easy to commemorate by name all who have acquired a name in astronomy by observing these bodies, or by computing their orbits. So watchful have these observers been, that the same comet has frequently had two, and sometimes as many as five, independent discoverers. In two instances at least, the same body has been seen at two places on the same day and hour of local time. Questions of priority are constantly arising in this department of astronomical observation. Biela, Gambart, and Clausen all claimed the comet of 1826. All of them recognized its identity with the comets of 1772 and 1805. Pons, Huth, and Bouvard discovered Encke's comet in 1805 on the same day.

The methods of calculating the orbit of a comet have been wonderfully simplified since Newton's time, by the united labors of Lagrange, Legendre, Laplace, Olbers, and Gauss, so that work which once required long days and nights can be accomplished in a few hours. Rittenhouse computed the orbit of the comet of 1770. He says of his labor: "Herewith I send you the fruits of three or four days' labor, during which I have covered several sheets, and literally drained my inkstand several times." Olbers placed in Bessel's hands on the 1st of November, 1805, at midnight, his observations of the comet of that year, and received the elements of the orbit on the next morning, after four hours of calculation. In 1849 young Safford, when only thirteen years of age, calculated an elliptic orbit for Petersen's comet in fifteen hours.\*

The number of comets has increased to such an extent as to make it impracticable to give minute accounts of the discovery and peculiarities of each individual; even of such as have been added to the catalogues in recent times. The period seems to have come for more general views in regard to the origin and destination of these "erratic cruisers." Euler, Séjour,† Lagrange, Laplace,‡ and Olbers § have speculated on the possibility of a collision between a comet and the earth; and on the effects of such a collision, should it occur.¶ In 1773, a fright associated with great disorder and many accidents was created by an expected collision, supposed to have been predicted in a communication of Lalande to the French Academy.¶ A similar panic called for the interposition of Arago in 1832.\*\* Whiston thought the earth's rotation might have been produced by the blow of a comet; that the deluge was occasioned by the flaunting of a comet's tail; and that the same or a similar agent was commissioned to set on fire the earth at the final conflagration of all things. Newton made the comets the common carriers of the solar system, and finally let them drop into the great maw of the sun, to keep alive the grand central fire. While Pingré taught that the comets were as old as the planets, Piazzi and Herschel believed that new ones are now forming, and that all were, perhaps, evanescent as meteors.

\* *Proc. Amer. Acad.*, II. 147.

† *Système du Monde*, 208.

‡ *Mé. Cél.*, IV. 230.

¶ Milne, 179.

† *Essai sur les Comètes*, &c.

§ *Monat. Corr.*, XXII.

\*\* *Annuaire des Longitudes*, 1832.



Professor Alexander has recently published \* some remarks on the classification and special points of resemblance of some of the periodical comets, and the probability of a common origin of those which have a family resemblance. He divides those comets which are known or supposed to be periodical into two classes. The first contains those whose orbits have axes of nearly the same length as the asteroids. The second class contains those whose orbits have larger axes, but less than that of Uranus. This is a distinction to which Hind had already asked attention.† The first class includes Encke's comet, the IV. of 1819, the III. of 1819 (perhaps the same as II. of 1766), the I. of 1844 (De Vico's), the III. of 1846 (Brorsen's), Biela's comet, and the III. of 1843 (Faye's). The motion in all these cases is direct. If the orbit of any one be selected as the plane of reference, all the other orbits cut it in the same neighborhood. When the orbit of the III. of 1846 is selected, the intersections of all the rest with this are closer than in any other arrangement, and are confined to an arc less than  $35^{\circ}$ . We may subdivide this whole class into two others, differing from one another very abruptly in the inclination of their orbits to the plane of reference. "May not, then, the whole seven (or rather eight) have formerly constituted one, or at most two, whose orbit or orbits were contracted by the disturbing action of Jupiter, this action having been exerted at a time when the comets were thus combined?" This large mass divided by a process similar to that by which one (Biela's) was subdivided under the very eyes of astronomers at its last appearance in 1846. The writer then recapitulates the points of resemblance between the members of this class, and other arguments for their common origin, as, — 1. similarity of semiaxes of orbits; 2. direct motion; 3. grouping of nodes; 4. similarity of inclinations; 5. the new division seen to occur in one of them recently.

Professor Alexander places in the second class the comet of 1812 (perhaps same as 1672), the IV. of 1846 (De Vico's), that of 1825 (Olbers's), the V. of 1847 (Brorsen's third), all of which are direct, and Halley's, which is retrograde. Three of these, those of 1812, 1825, and the IV. of 1846, resemble one another, — 1. in length of the axis of the orbit; 2. in common node; 3. in the nearness of this node to the perihelion, and in each case on same side; 4. in the analogy of the perihelion distances; 5. in the direction of the motion. The radii vectores in the plane of Mars's orbit are nearly equal to each other, and also to the distance of Mars. Hence a collision may be inferred between Mars and a large comet; possibly that of 1315–16,‡ which was nearly in conjunction with Mars, and resembles these fragmentary comets in the elements of its orbit. These fragments are the results of that collision. If the comet of 1812 and the IV. of 1846 alone entered into the question, the earth itself might have been the planet which run down the comet.

The II. of 1793 (same, perhaps, as that of 1783) and the VI. of 1846 (Peters's) do not come into either of these principal classes. Their distances are similar to that of Jupiter. With regard to these two comets, D'Arrest

\* *Astron. Journ.*, I. 147.

† *Astron. Nachr.*, XXXI. 64.

‡ Pingré's *Cometographie*, I. 426, 427.

observes that the orbit of the latter is very insecurely determined, while the orbit of the former, to which Burckhardt assigned a period of twelve years, from a determination based upon three isolated observations, has been recalculated with care, and requires for its revolution a period of four hundred and twenty-two years.\*

Professor Alexander has published a second paper on the similarity of arrangement between the asteroids and the comets of short period, and has suggested the possibility of their common origin.† The nodes of the comets were grouped most perfectly on the orbit of the third comet of 1846, an orbit far more inclined to the ecliptic than the orbit of any other comet of the group. So also in the case of the asteroids, Pallas, on whose orbit the nodes of its companions crowd most closely, moves in an orbit more inclined to the ecliptic than its confederates. Moreover, the largest inclination of the asteroid is only  $3^\circ$  or  $4^\circ$  greater than the largest inclination among the comets. The inclinations of the orbits of the other asteroids to Pallas's orbit have the same values, in general, as the inclinations of the orbits of the other comets to the orbit of the third comet of 1846. The range of the nodes does not vary by more than half a degree in the one case from what it is in the other. The same features of family resemblance which suggested that these comets had a common origin repeat the same story for the asteroids. The similarity of orbit is stronger in the last example than in the first. On the other hand, the comets can boast of one division as an ascertained fact. If we place both planets and comets in order of mean distance, we have a sliding scale from 2.202 times the earth's distance to 3.80 times that unit. Arranging both classes of bodies according to the amount of eccentricity in their orbits, we have the most eccentric planet, Juno, almost half as eccentric as the least eccentric comet (the third of 1843). The nebulosity of Ceres and Pallas gives to them a personal appearance not wholly unlike that of the small comets. Professor Alexander says that all these "circumstances, taken collectively, seem to point to a common origin of all the bodies concerned, or indicate that they formerly constituted but one mass." The different inclinations of the whole set of orbits seem to say that the separation was violent. The comets, which are of lightest material, were more displaced than the asteroids, which were the denser portions of the original body. Several of the asteroids appear, by the fluctuations in their light, to be of irregular shape. "There are other circumstances which seem to give some indication of the character of the force which effected the separation of all these bodies, and the date of its application; but a very careful examination and comparison of these will be requisite in order to justify a plausible conclusion. Meanwhile it seems to be desirable that the elements now compared, and especially their very remarkable resemblances, should all be placed on record, as among the very curious statistics of the solar system, which may be useful in future investigations, if not now."‡ Humboldt has objected to these views, that even the asteroids do not intersect, after the fashion of

\* *Astron. Nachr.*, XXXII. 219.

† *Astron. Journ.*, I. 181.

‡ *Ibid.*, 184.

comets, the orbit of any one of the principal planets.\* He also thinks the vast difference in physical appearance is strongly against the identity of origin for comets and planets. The planets move from west to east, and in the plane of the ecliptic. The comets move in about equal numbers from west to east and from east to west. Laplace considered that the average plane of motion of the comets was so nearly perpendicular to the ecliptic, that the comets could not be considered as biassed at all in reference to that plane, and so far appeared foreign to the solar system. But Professor Peirce has remarked, that, on the principle of equal distribution of the orbits impartially in all planes, *more* should be found at large inclinations than small ones, as will appear by projecting the poles of the orbits on the plane of the ecliptic. An equal number at all angles implies a preference for the plane of the ecliptic, and so far a planetary character in the comets. Bode, however, found that, out of the seventy-two comets known in 1785, there were more situated at large angles of inclination than at small angles. Arago, in discussing the one hundred and thirty-seven comets known in 1831, comes to the same result. But he disclaims any inference from this fact, as in the course of discovery the balance has in some particulars shifted from one side to the other.† Sir John F. W. Herschel remarks: "Yet we think it worth noticing, that, among the comets which are as yet known to describe elliptic orbits, not one whose inclination is under  $17^{\circ}$  is retrograde; and that out of thirty-six comets which have had elliptic elements assigned to them, whether of great or small eccentricities, and without any limit of inclination, only five are retrograde; and of these only two, viz. Halley's and the great comet of 1843, can be regarded as satisfactorily made out. Finally, of the one hundred and twenty-five comets whose elements are given in the collection of Schumacher and Olbers, up to 1823, the number of retrograde comets under  $10^{\circ}$  of inclination is only two out of nine, and under  $20^{\circ}$  seven out of twenty-three. A plane of motion, therefore, nearly coincident with the ecliptic, and a periodical return, are circumstances eminently favorable to direct revolution in the cometary, as they are decisive among the planetary, orbits."‡

The law of gravitation, as expressed by Newton, allows considerable latitude in the shape of orbits, and only requires that the body should move in one of the conic sections. Comets are known which move in orbits whose eccentricity does not exceed many times the greatest eccentricity of any planet. Comets also are known whose path is sensibly parabolic. Professor Peirce thinks, however, that the orbit of no comet is decidedly hyperbolic, though such an orbit is not excluded by the terms of the law of gravitation. As any comet which visited our solar system from the great world of space beyond would, in consequence of the motion of our system in space, enter it in an orbit decidedly hyperbolic, he infers that most, if not all, of the known comets are component parts of the solar system, and not *cosmopolites*.§

\* *Cosmos*, IV. 536.

† *Outlines*, p. 377.

‡ *Annuaire des Longitudes*, 1832. Third edition.

§ *Proc. Amer. Acad.*, II. 147.

## II. METEOROLOGICAL INFORMATION.

### I. METEOROLOGICAL TABLES FOR BIDDEFORD, ME.

*Lat. 43° 31' N., Long. 70° 26' W. Barometer, 40.75 above high-water-mark.*

*By James G. Garland.*

Months.	Monthly Means of Barometer.						Monthly Means of Attached Thermometer.							
	Sunrise.	1½ P. M.	Sunset.	Mean.	Maximum.	Minimum.	Sunrise.	1½ P. M.	Sunset.	Mean.	Day of Month Highest.	Height.	Day of Month Lowest.	Height.
1851.	inch.	inch.	inch.	inch.	inch.	inch.	°	°	°	°		°		°
July	30.03	30.14	30.06	30.07	30.88	29.66	63.67	80.00	70.00	71.22	17	94	30	53
Aug.	30.13	30.17	30.12	30.14	30.38	29.80	58.96	77.00	70.16	68.71	30	85	27	51
Sept.	30.23	30.24	30.22	30.23	30.52	29.6	53.73	59.76	65.24	62.91	8	90	25	34
Oct.	30.06	30.07	30.07	30.07	30.42	29.67	44.59	60.00	56.04	53.54	10	73	17	32
Nov.	29.97	29.98	29.98	29.98	30.61	29.42	29.78	40.09	37.00	35.62	1	54	14	19
Dec.	29.97	29.96	29.97	29.97	30.62	29.54	16.81	27.93	26.07	23.27	29	49	27	-8
1852.														
Jan.	29.98	29.91	29.96	29.95	30.31	29.37	15.93	27.41	24.89	22.74		46	20	-8
Feb.	29.91	29.95	29.94	29.93	30.53	29.35	21.76	37.13	31.73	30.21	10	49	20	-8
Mar.	30.02	30.02	30.01	30.02	30.68	29.23	26.11	41.04	37.38	34.84	13	52	4	-3
Apr.	29.78	29.84	29.83	29.82	30.11	29.27	35.56	49.13	45.14	43.48	23	60	3	26
May	30.07	30.10	30.09	30.09	30.36	29.70	48.92	65.08	60.11	58.04	8	85	1	37
June	29.92	30.02	29.95	29.96	30.44	29.58	58.36	75.46	69.11	67.64	16	98	1	47
M'n.	30.01	30.03	30.02	30.02			39.51	53.33	49.40	47.66				

### 2. WINDS, CLOUDS, AND RAINS.

Months.	Force of Wind, 0—6.				Quantity of Clouds, 0—10.				Direction of the Wind.				Depth of Rain in inches.
	Sunrise.	1½ P. M.	Sunset.	Mean.	Sunrise.	1½ P. M.	Sunset.	Mean.	Days North-windy.	Days East-windy.	Days South-windy.	Days West-windy.	
1851.													
July	1.25	1.68	1.28	1.40	4.18	6.30	5.54	5.34	3	5	10	13	3.420
Aug.	1.10	1.72	1.37	1.40	4.0	4.20	5.25	4.65	2	12	5	12	2.594
Sept.	1.10	1.48	1.33	1.32	2.72	3.09	4.30	3.37	6	5	13	6	2.970
Oct.	1.09	2.00	1.45	1.51	4.68	5.78	5.43	5.30	4	2	15	10	6.420
Nov.	1.26	1.32	1.41	1.33	6.26	5.91	6.09	6.09	12	4	0	14	6.120
Dec.	1.26	1.77	1.11	1.38	4.70	4.33	4.55	4.53	11	0	1	19	4.870
1852.													
Jan.	1.15	1.30	1.22	1.22	6.63	7.30	6.41	6.78	12	0	0	19	3.625
Feb.	1.50	1.65	1.62	1.59	4.84	4.80	4.60	4.75	5	3	1	20	3.725
Mar.	1.15	1.38	1.15	1.23	6.18	6.16	7.42	6.59	8	9	6	8	2.280
Apr.	1.68	1.91	1.26	1.62	6.76	6.12	6.13	6.34	12	6	4	8	7.292
May	1.15	1.80	1.46	1.47	4.39	4.12	4.79	4.43	4	6	11	10	1.584
June	1.31	1.85	1.54	1.57	5.39	5.31	4.39	5.03	5	2	11	12	4.340
M'n.	1.25	1.65	1.35	1.42	5.10	5.29	5.41	5.27	84	54	77	151	49.240

For winds, 0 denotes a calm; 6, a hurricane.

For clouds, 0 denotes perfect clearness; 10, complete cloudiness.

Frost, September 15, 1851, and June 12, 1852. — Snow, October 26, 1851, and April 16, 1852. — Saco River froze over, December 1, 1851; opened, March 31, 1852.

## II. METEOROLOGICAL TABLES FOR CAMBRIDGE, MASS.

*Summary of the Meteorological Observations made at the Observatory of Harvard College during the Year commencing May 1st, 1851, and ending April 30th, 1852. By Wm. Cranch Bond. Lat. 42° 22' 48".6 N., Long. 71° 7' 30" W.*

Months.	Mean Height of the Barometer.						External Thermometer.				
	Sunrise.	9 A. M.	Diff.	3 P. M.	9 P. M.	Monthly Mean.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Monthly Mean.
1851.	Inch.	Inch.	In.	Inch.	Inch.	Inch.	°	°	°	°	°
May,	29.966	29.947	.049	29.898	29.946	29.939	47.4	55.4	63.8	53.1	55.53
June,	29.903	29.911	.043	29.868	29.889	29.894	56.9	66.5	74.2	61.4	64.76
July,	29.838	29.862	.015	29.847	29.864	29.850	64.3	73.9	79.0	68.4	71.40
August,	29.963	30.010	.063	29.942	29.970	29.976	59.9	69.2	77.4	65.6	68.02
September,	30.095	30.129	.041	30.068	30.057	30.092	53.4	62.5	70.7	57.7	61.09
October,	29.937	29.978	.021	29.967	29.973	29.961	46.1	53.7	60.8	51.2	52.94
November,	29.917	29.930	.073	29.867	29.890	29.899	31.4	36.1	38.7	33.0	34.80
December,	29.997	29.977	.077	29.900	29.971	29.961	18.8	23.5	27.5	21.6	22.86
1852.											
January,	29.847	29.88	.059	29.822	29.859	29.852	17.3	20.3	26.5	19.1	20.80
February,	29.869	29.874	.060	29.814	29.853	29.852	21.9	28.1	33.7	26.0	27.43
March,	29.964	29.968	.071	29.887	29.909	29.929	28.2	33.6	37.7	32.3	32.94
April,	29.606	29.649	.038	29.611	29.658	29.643	36.2	42.6	46.4	38.9	41.02
Annual Mean,	29.915	29.925	.051	29.874	29.902	29.904	40.15	47.37	53.03	44.02	46.13

## 2. RAIN, WINDS, AND CLOUDS.

Months.	Force of Wind, 0-6.					Quantity of Clouds, 0-10.					Quantity of Rain in Inches.
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sum.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sum.	
1851.											
May,	1.26	1.46	2.00	0.97	5.69	5.5	5.6	5.5	5.2	21.8	4.142
June,	1.27	1.62	2.20	1.42	6.51	3.7	4.7	4.1	5.4	17.9	1.615
July,	1.42	1.74	2.00	1.18	6.34	5.6	5.6	5.9	5.5	23.6	3.211
August,	0.94	1.32	1.85	1.33	5.44	3.9	3.7	4.6	3.9	16.1	1.206
September,	1.07	1.04	1.57	1.22	5.10	3.7	4.2	4.1	4.7	16.7	3.980
October,	1.13	1.71	1.74	1.38	5.96	5.1	5.1	5.2	4.0	19.4	4.674
November,	1.17	1.29	1.40	1.39	5.25	4.9	5.7	5.9	4.1	20.6	4.969
December,	1.03	1.23	1.46	1.28	5.00	4.0	4.3	4.7	3.0	16.0	1.995
1852.											
January,	1.27	1.26	1.48	1.31	5.32	6.4	6.2	7.4	5.4	25.4	2.223
February,	1.36	0.92	1.42	1.17	4.87	5.0	5.6	5.2	4.2	20.0	0.618
March,	1.42	1.52	1.60	1.35	5.89	6.3	6.7	7.2	6.9	27.1	2.104
April,	1.97	2.06	2.34	1.40	7.79	6.2	6.8	6.5	6.2	25.7	7.942
Annual Mean,											38.669

The barometer has been corrected for capillary attraction and reduced to temperature of 32° Fahrenheit, but *not* for sea level.

Height of cistern of the barometer above mean level of the sea at Charlestown Navy-Yard, 71 feet.

Barometer highest, November 12th, at 9 A. M., . . . . . Inch.  
 " lowest, April 21st, sunrise, . . . . . 30.678  
 " . . . . . 29.933

Range, . . . . . 1.745

Thermometer highest, June 30th, at 3 P. M., . . . . . °  
 " lowest, January 16th, sunrise, . . . . . 98  
 " . . . . . -8

Range, . . . . . 106

## III. METEOROLOGICAL TABLE FOR LOWELL, MASS.

*Abstract of the Record of the Heights of the Thermometer at the Lower Locks, Lowell, in 1851. By James R. Moor.*

Months.	Temperature of the Air.				Temperature of the Water in the Canal.		
	Mean at starting of the Mills in the Morning.	Mean at 2 P. M.	Maximum.	Minimum.	Mean.	Maximum.	Minimum.
January,	17.41	30.58	47	-9	32.00	33	32
February,	22.00	34.00	51	-6	32.00	33	32
March,	29.73	45.00	73	11	36.13	44	33
April,	36.15	53.44	72	26	46.52	53	40
May,	46.26	67.85	86	32	57.22	65	48
June,	54.60	76.28	97	43	66.20	76	59
July,	63.00	82.37	94	52	75.42	79	71
August,	58.08	79.42	89	47	72.19	76	69
September,	50.92	72.96	92	31	67.92	77	59
October,	43.29	62.29	77	29	55.81	62	41
November,	28.24	39.64	54	17	38.00	51	33
December,	16.50	28.75	45	-9	32.00	32	32

The temperature of the water in the canal, which in the summer months receives the whole waters of the Merrimac River, was above 32° from March 1st to November 30th.

## IV. METEOROLOGICAL TABLE FOR WORCESTER, MASS.

*Lat. 42° 16' 17" N.; elevation 483 feet. For the Year 1850 - 51.*

1850 - 51.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
<i>Barometer.</i>	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.
Greatest height,	29.86	30.16	30.25	29.87	29.91	29.82	29.80	29.60	29.74	29.89	29.77	30.10	30.25
Least height,	28.42	28.50	28.34	28.85	28.90	28.99	29.08	29.02	29.23	29.22	28.88	28.94	28.34
Mean,	29.13	29.32	29.29	29.36	29.40	29.40	29.39	29.31	29.49	29.55	29.32	29.52	
<i>Thermometer.</i>	°	°	°	°	°	°	°	°	°	°	°	°	°
Greatest height,	48	49	50	71	71	83	92	91	86	87	75	57	92
Least height,	0	-4	-4	7	22	32	40	55	51	32	31	17	-4
Mean,	24	22	23	34	46	57	66	73	68	59	53	37	
Fair days,	10	21	17	19	14	18	22	20	21	20	19	18	219
Cloudy days,	21	8	11	10	13	13	6	9	7	8	11	12	129
Rain fell, days	10	5	9	5	9	8	7	12	7	9	7	9	97
Snow fell, days	10	5	2	5	5	1	0	0	0	0	2	7	37
Inches of rain,	4.19	2.07	4.01	1.40	6.76	4.73	3.16	2.17	1.97	2.59	7.04	5.68	45.77
Inches of snow,	23.50	2.50	1.50	18	6	0	0	0	0	0	4	5.60	61
<i>Days of</i>													
N. wind,	1	1	0	2	1	0	0	1	0	1	1	0	8
N.W. " "	14	12	12	11	10	10	12	15	12	7	11	23	149
W. " "	3	2	3	0	0	1	0	0	3	2	4	2	20
S.W. " "	3	6	7	8	3	4	8	8	9	3	7	1	67
S. " "	0	1	0	2	0	0	0	0	0	2	1	0	6
S.E. " "	0	0	0	0	4	3	2	2	2	1	4	1	19
E. " "	0	0	1	0	0	0	0	0	0	1	0	0	2
N.E. " "	3	2	3	2	7	4	2	2	3	8	0	1	37

## V. METEOROLOGICAL TABLES FOR LAMBERTVILLE, N. J.

*Lat. 40° 22' 45" N., Long. 74° 55' 45" W. Barometer 96 feet above  
Mid-tide. By L. H. Parsons.*

## 1. SUMMARY FOR THE YEAR ENDING JUNE 30, 1852.

Months.	Thermometer.							Barometer.						
	Mean.			Maximum.	Day of Mo.	Minimum.	Day of Mo.	Mean.			Maximum.	Day of Mo.	Minimum.	Day of Mo.
	7 A. M.	2 P. M.	9 P. M.					7 A. M.	2 P. M.	9 P. M.				
1851.	°	°	°	°		°		inch.	inch.	inch.	inch.		inch.	in.
July,	69.83	82.43	71.29	91	10	62	4	30.031	30.022	30.025	30.26	22	29.75	27 .51
August,	62.94	78.40	66.35	90	9	47	27	30.129	30.114	30.118	30.37	29	29.88	25 .49
September,	57.67	75.11	62.95	95	12	36	15	30.214	30.176	30.192	30.56	16	29.85	23 .71
October,	46.22	64.83	54.87	77	8	30	28	30.053	30.053	30.054	30.34	16	29.61	19 .73
November,	34.47	46.15	38.33	65	2	19	12	30.037	30.074	30.048	30.77	12	29.45	15 1.32
December,	20.93	33.29	26.87	54	29	-16	27	30.085	30.058	30.064	30.60	27	29.60	20 1.00
1852.														
January,	16.61	30.74	22.20	45	26	-8	30	29.955	29.922	29.942	30.51	23	29.13	6 1.38
February,	24.03	34.23	29.83	61	25	5	20	29.977	29.940	29.964	30.70	20	29.33	25 1.37
March,	30.09	44.88	40.77	72	13	17	3	30.016	29.999	30.010	30.68	3	29.37	23 1.31
April,	40.89	51.76	42.31	68	17	26	1	29.772	29.756	29.764	30.18	4	28.91	21 1.29
May,	56.00	72.04	57.48	87	25	44	5	29.971	29.940	29.967	30.38	6	29.70	1 .68
June,	64.24	79.97	63.76	97	16	46	11	29.936	29.950	29.951	30.34	13	29.55	8 .79
Year,	43.67	57.82	48.08	97	16*	-16	27†	30.114	30.000	30.025	30.77	12‡	28.91	21§ 1.8

\* June.

† December.

‡ November.

§ April.

## 2. WEATHER FOR YEAR ENDING JUNE 30, 1852.

Months.	Clear.*	Cloudy.*	Rain or Snow.	Water, in Inches.	Months.	Clear.*	Cloudy.*	Rain or Snow.	Water, in Inches.
1851 - 52.					1852.				
July, 1851,	0	0	12	3.688	February,	0	3	9	1.961
August,	6	3	8	2.770	March,	4	6	11	4.575
September,	5	2	8	1.150	April,	0	7	17	6.435
October,	9	2	8	2.505	May,	3	4	11	3.085
November,	3	3	7	2.770	June,	2	0	10	2.930
December,	3	6	6	1.895					
January, '52,	2	4	7	2.415	Year,	37	40	114	36.179

The Peach blossomed on the 6th of May; the Cherry on the 6th; and the Apple on the 9th.

\* Perfectly clear, not a cloud being seen, — or entirely cloudy, no clear sky being seen, — during the whole day.

# VI. METEOROLOGICAL TABLES FOR THE UNIVERSITY OF NORTH CAROLINA, AT CHAPEL HILL.

Lat. 35° 54' 21" N. Long. 79° 17' 30" W.

By James Phillips, Professor of Mathematics and Natural Philosophy.

Months.	Barometer.				Thermometer attached.			
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sunrise.	9 A. M.	3 P. M.	9 P. M.
1851.	inch.	inch.	inch.	inch.				
June, . . . . .	29.861	29.969	29.845	29.875	67.2	73.7	82.4	71.8
July, . . . . .	29.642	29.659	29.659	29.645	72.7	80.5	90.6	78.4
August, . . . . .	29.090	29.702	29.696	29.698	70.9	77.2	83.4	74.8
September, . . . . .	29.729	29.757	29.746	29.743	62.9	70.5	77.5	68.1
October, . . . . .	29.726	29.754	29.740	29.739	53.2	61.4	70.3	60.1
November, . . . . .	29.645	29.659	29.628	29.622	43.8	48.8	56.5	48.3
December, . . . . .	29.651	29.667	29.659	29.639	34.7	39.3	50.9	41.0
1852.								
January, . . . . .	29.525	29.560	29.548	29.536	31.3	37.5	47.6	38.8
February, . . . . .	29.524	29.565	29.523	29.525	40.0	47.7	56.1	47.1
March, . . . . .	29.541	29.571	29.536	29.552	48.6	55.9	64.2	54.2
April, . . . . .	29.345	29.370	29.347	29.347	49.3	56.1	63.0	57.5
May, . . . . .	29.531	29.598	29.596	29.588	62.7	69.7	79.9	69.3
Mean, . . . . .	29.572	29.653	29.626	29.626	53.0	60.1	68.9	59.1

Months.	Thermometer detached.					Clearness fr. 0 to 10.				Rainy Days.	Cloudy Days.	Clear Days.
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Monthly Mean.	Sunrise.	9 A. M.	3 P. M.	9 P. M.			
1851.												
June, . . . . .	66.3	70.4	81.4	70.3	72.8250	4.2	4.2	4.2	3.7	12	30	0
July, . . . . .	71.6	80.	89.1	76.9	79.4637	5.3	5.4	5.0	6.6	6	31	0
August, . . . . .	69.2	76.5	81.7	72.9	75.0565	3.7	4.2	3.6	5.7	11	29	2
September, . . . . .	60.9	69.6	76.0	65.8	68.0708	6.5	6.0	4.7	7.4	5	26	4
October, . . . . .	50.8	59.7	68.3	57.8	59.1774	6.4	6.1	6.5	7.6	5	23	8
November, . . . . .	41.0	46.7	54.2	45.7	46.9250	4.1	4.6	4.0	4.6	13	24	6
December, . . . . .	31.8	36.8	47.2	38.1	39.4476	4.5	4.8	5.2	6.3	6	26	5
1852.												
January, . . . . .	28.6	34.8	44.4	36.2	36.0202	5.1	4.8	5.5	5.8	3	27	4
February, . . . . .	38.3	45.9	53.4	44.8	45.5817	3.3	3.3	4.5	5.1	9	26	1
March, . . . . .	46.6	54.5	62.0	51.8	53.7218	1.7	3.5	3.1	5.6	9	30	1
April, . . . . .	47.1	58.0	65.8	55.3	56.4958	4.6	4.4	3.9	6.7	12	27	3
May, . . . . .	59.7	69.8	78.9	67.6	63.8468	5.2	5.1	4.9	5.6	11	26	6
Mean, . . . . .	51.0	58.8	66.8	56.9	58.4694	4.5	4.7	4.6	5.9	102	326	40

First frost, 24th of October. Frogs singing on the 11th of February. First Martin seen on the 24th of March.

Hottest day, 27th July. Barometer, at sunrise, 29.632 in.; at 9 o'clock, A. M., 29.632; at 3 o'clock, P. M., 29.600; and at 9 o'clock, P. M., 29.550. Mean, 29.6035 in.

Thermometer, attached, at sunrise, 80°; at 9 o'clock, A. M., 89°; at 3 o'clock, P. M., 102°; and at 9 o'clock, P. M., 89°. Thermometer, detached, at sunrise, 79°; at 9 o'clock, A. M., 89°; at 3 o'clock, P. M., 102°; and at 9 o'clock, P. M., 89°. Mean, 89.5°.

Coldest day, 20th January. Barometer, at sunrise, 29.932 in.; at 9 o'clock, A. M., 29.990; at 3 o'clock, P. M., 29.908; and at 9 o'clock, P. M., 29.816. Mean, 29.9115 in.

Thermometer, attached, at sunrise, 50°; at 9 o'clock, A. M., 140°; at 3 o'clock, P. M., 260°; and at 9 o'clock, P. M., 190°. Thermometer, detached, at sunrise, 10°; at 9 o'clock, A. M., 80°; at 3 o'clock, P. M., 220°; and at 9 o'clock, P. M., 160°. Mean, 12.25°.

A slight earthquake on the 29th of April, at 20 minutes before 1 o'clock, P. M. Whip-



poorwill heard, 28th of April. *Verna draba* in flower on the 18th, *Houstonia cerula* on the 24th, *Ulmus Americana* on the 25th, *Hepatica triloba* on the 27th, and the Apricot on the 29th of February.

*Acer rubrum* and Peach in flower on the 1st; Cherry, 6th; *Prunus chicasa*, 7th; Prune, 8th; Apple, 12th; *Cercis Canadensis*, 14th; and Pear on the 15th of March.

N. B. By clear days is meant that no clouds were visible at the times of observation; by cloudy, that some were visible; and by rainy days, that some rain fell then, without reference to quantity.

## VII. METEOROLOGICAL TABLES FOR CHARLESTON, S. C.,

For the year 1851. By John L. Dawson, M. D., City Registrar and Chairman of the Medical Committee.

### 1. BAROMETER AND THERMOMETER.

Months.  1851.	Barometer.			Thermometer attached.			Hottest Day.	Coldest Day.	Thermometer detached.									Thermometer.	
	Maximum.	Minimum.	Range.	Mean 7 A. M.	Mean 2 P. M.	Mean 9 P. M.			Maxim.			Minim.			Mean Temperat.			Hottest Deg Day.	Lowest Deg. Night.
									7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.		
Jan.,	30.3	29.28	1.06	50.35	55.48	52.38	28	31	62	68	22	33	30	47.29	55.32	49.74	70	80	
Feb.,	30.71	29.49	1.22	56.21	61.78	59.17	24	1	66	72	68	30	47	52.75	62.46	56.64	76	36	
March,	30.43	29.80	0.63	60.70	65.29	63.64	31	2	68	74	68	35	52	49	54.93	65.25	59.67	78	41
April,	30.43	29.72	0.71	65.36	69.86	67.50	30	15	72	80	72	48	61	55	60.26	71.40	64.80	82	48
May,	30.50	29.82	0.68	72.35	76.96	73.90	22	6	77	91	79	58	69	61	68.93	79.96	70.96	94	57
June,	30.35	29.88	0.47	77.56	81.76	79.06	9	18	80	93	81	64	67	68	74.63	84.16	77.16	95	59
July,	30.30	29.90	0.31	80.80	85.09	82.19	29	21	82	96	86	74	82	75	77.90	88.00	79.77	97	71
August,	30.33	29.81	0.52	80.67	84.35	81.71	13	28	84	92	85	66	76	72	77.87	85.87	79.90	94	65
Sept.,	30.46	29.87	0.59	73.63	78.30	75.66	14	29	77	88	80	53	68	57	69.10	79.20	72.40	90	51
Oct.,	30.35	29.69	0.66	66.80	72.48	69.90	22	27	71	80	74	42	57	49	61.90	73.54	66.54	84	41
Nov.,	30.47	29.74	0.73	57.56	61.23	59.10	1	22	70	75	70	36	51	44	52.26	62.20	56.26	76	35
Dec.,	30.67	29.80	0.87	48.90	52.70	50.80	31	18	66	68	63	22	31	26	44.58	54.19	47.70	72	26

### 2. WINDS, CLOUDS, AND RAIN.

Months.	Mean Dew-Point.	Course of Winds at Sunrise.							Course of Winds at 4 P. M.							Weather.				Quantity of Rain.		
		N.	N. E.	N. W.	S.	S. E.	S. W.	E.	N.	N. E.	N. W.	S.	S. E.	S. W.	E.	W.	Fair.	Cloudy.	Rain.		Prevail- ing.	
1851.																						
January,	45.38		9	9	2	1	7	3		10	9	2		8	2		12	13	6	Unfair.	3.08	
February,	50.25		14	3	1	1	8	1		9	4		4	10	1		17	4	7	Fair.	0.85	
March,	50.74		4	7	1	1	8	7		2	5		16	8			20	3	8	Fair.	0.97	
April,	54.00	2	8	8	1	3	7	1	1	4	7		7	7	2	2	18	4	8	Fair.	1.19	
May,	64.87		7	1	1	1	9	10		4	1		10	11	5		23	5	3	Fair.	0.58	
June,	70.73		8	4	1	1	2	14		8	3		3	16			17	1	12	Fair.	9.76	
July,	74.38	1	3	3		4	16	4		2	3	1	7	16	1	1	13	1	17	Unfair.	6.32	
August,	74.67		8	2		4	15	1		6	1		5	16	3		15	4	12	Fair.	5.44	
September,	65.13	1	17	3		5	1	3		14	3		8	1	3	1	1	18	8	4	Fair.	0.46
October,	57.41	2	19	3		2	5	1	1	1	15	3		2	7	2	1	23	4	4	Fair.	0.86
November,	48.23	1	11	8		3	5	1		1	10	9		5	6	1	1	13	19	8	Unfair.	2.50
December,	41.06		5	11		2	10	3	1	1	4	8		2	12	1	3	18	6	6	Fair.	1.13

## VIII. METEOROLOGICAL TABLES FOR SAVANNAH, GA.

For the Year ending May, 1852. By Dr. John F. Posey.

## 1. BAROMETER.

Barometer cistern with constant level, No. 455, by J. Green. Scale, English inches, corrected for temperature reduced to the freezing point. 42 feet above half-tide in the river.

Months.	Highest.					Lowest.					Monthly Mean for each Hour.			Mean for the Day.
	Day.	7 A. M.	2 P. M.	7 P. M.	Mean.	Day.	7 A. M.	2 P. M.	7 P. M.	Mean.	7 A. M.	2 P. M.	7 P. M.	
1851.		inch.	inch.	inch.	inch.		inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.
June,	18	30.20	30.17	30.18	30.18	8	29.80	29.72	29.74	29.75	30.023	29.966	29.983	29.999
July,	12	30.13	30.16	30.16	30.15	19	29.90	29.81	29.91	29.87	30.015	29.965	29.982	29.987
August,	6	30.20	30.12	30.14	30.15	24	29.72	29.65	29.67	29.68	30.033	29.989	30.003	30.008
September,	17	30.32	30.26	30.28	30.28	27	29.81	29.67	29.83	29.77	30.082	30.037	30.053	30.057
October,	23	30.22	30.19	30.23	30.21	26	29.70	29.58	29.69	29.65	30.054	29.978	29.999	30.010
November,	12	30.34	30.27	30.26	30.29	21	29.77	29.82	29.97	29.85	30.047	30.032	30.043	30.040
December,	2	30.07	30.05	30.15	30.09	3	30.04	30.04	30.06	30.04	30.014	30.061	30.046	30.040
1852.														
January,	20	30.65	30.35	30.51	30.50	26	29.99	29.88	29.94	29.93	30.125	30.010	30.184	30.106
February,	20	30.44	30.38	30.41	30.40	24	29.82	29.66	29.62	29.70	30.023	30.004	30.040	30.042
March,	3	30.28	30.40	30.45	30.38	16	29.89	29.67	29.45	29.67	30.064	29.896	30.019	29.993
April,	28	30.21	30.08	30.20	30.16	20	29.55	29.61	29.76	29.64	29.948	29.875	29.905	29.908
May,	6	30.38	30.36	30.40	30.38	31	29.83	29.77	29.75	29.78	30.048	29.990	30.015	30.017
An. Mean.		30.27	30.23	30.28	30.26		29.82	29.74	29.78	29.78	30.044	29.983	30.022	30.017

Barometer was highest, January 20th, 7 A. M., . . . . . 30.655 inches.  
 " " lowest, March 16th, 7 P. M., . . . . . 29.447 "

Difference, . . . . . 1.208 "

## 2. THERMOMETER.

Made by J. Green, New York; housed as directed by the Smithsonian Institution.

Months.	Highest.					Lowest.					Monthly Mean for each Hour.			Mean for each Day.	Rain-Gauge,* Inches.	Rainy Days.
	Day.	7 A. M.	2 P. M.	7 P. M.	Mean.	Day.	7 A. M.	2 P. M.	7 P. M.	Mean.	7 A. M.	2 P. M.	7 P. M.			
1851.																
June	6	72.0	97.4	88.3	85.43	18	61.3	70.0	67.0	64.90	73.5	85.4	78.4	77.70	5.185	13
July	30	79.1	99.3	79.7	84.30	16	72.2	90.5	81.8	79.17	76.7	89.3	81.6	81.07	7.080	12
Aug.	15	77.0	93.0	85.1	83.02	30	66.5	82.5	78.9	73.60	76.0	86.2	80.6	79.70	8.820	10
Sept.	3	74.9	88.1	80.5	79.60	30	49.5	66.2	64.5	49.92	68.0	77.3	75.0	67.07	1.000	4
Oct.	22	63.8	85.6	73.3	71.63	27	42.1	56.9	49.9	47.75	60.5	75.5	63.5	66.25	0.470	5
Nov.	14	62.0	77.1	71.0	68.02	22	34.0	50.1	43.9	40.50	51.4	63.1	58.6	56.12	2.372	5
Dec.	3	52.7	58.5	56.7	55.15	25	26.0	43.3	40.3	33.75	44.5	51.3	48.8	47.27	2.860	7
1852.																
Jan.	31	52.0	75.0	58.5	59.67	20	13.8	29.5	30.3	21.55	34.1	55.2	43.6	41.75	1.916	4
Feb.	25	63.5	81.7	72.9	71.40	13	33.4	60.0	52.2	44.75	49.8	64.3	57.9	55.45	0.675	5
March	27	60.0	84.0	75.3	69.82	19	37.4	43.9	43.0	40.42	56.7	69.3	62.5	61.30	4.487	7
April	30	63.9	86.7	73.7	71.82	22	47.2	67.9	62.7	56.22	58.0	72.3	64.8	63.27	3.166	8
May	16	74.2	94.9	77.4	80.17	5	53.4	69.9	62.3	59.75	71.0	85.0	75.1	75.52	8.234	6
Mean.		66.92	85.11	74.37	73.33		44.73	52.56	56.40	51.02	60.00	72.85	66.28	64.37	46.265	85

Thermometer highest, July 30th, 1851, 2 P. M., . . . . . 99.3  
 " lowest, January 20th, 1852, 7 A. M., . . . . . 13.8

Difference, . . . . . 85.5

The Peach blossomed on the 20th of February, and the Plum on the 23d.

\* Ombrometer of the Smithsonian Institution, made by Messrs. Pike & Son. 7 feet a round.

## IX. METEOROLOGICAL OBSERVATIONS AT EUTAW, ALA.

*Abstract of Meteorological Observations kept at Mesopotamia Female Seminary, Eutaw, Greene County, Alabama. By A. Winchell, A. M.*

*Lat. 32° 46' N., Long. 11° 31' W. from Washington.*

Month. 1850-51.	Mean Temperature.					Max.	Min.	Warm- est Day.	Coldest Day.	Weather. No. of Observations.									
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Whole Month.	Date.	Degree.	Date.	Degree.	Date.	Mean.	Date.	Mean.	Entirely clear.	Entirely cloudy.	More than half clear.	Less than half clear.	Prevailing.	
							Degree.		Degree.		Mean.								
Nov.	42.83	50.97	66.67	49.43	51.90	2	82	17	19	63	27	70.75	17	33.25	46	26	78	42	Clear.
Dec.	44 10	47 10	54 32	44.39	47 47	3	82	9	21	61	4	71.75	8	25.50	26	56	53	71	Cloudy.
Jan.	41.09	46 23	53.09	46.55	46.74	16	70	31	18	52	16	62.00	30	26.25	28	29	74	50	Clear.
Feb.	45 36	49 61	56.96	49.93	50.55	27	80	17	23	57	27	69.75	16	33.75	29	36	52	60	Cloudy
Mar.	45 97	52.23	63.61	53.74	53.85	27	80	1	22	58	31	69.25	1	30.75	50	20	81	43	Clear.
Apr.	53 23	61 27	68.90	56.73	59.87	29	85	9	38	47	1	72.50	15	45.75	39	20	75	45	Clear.
May	64.65	74.39	82.97	69.58	72.89	25	93	6	45	48	30	81.50	1	53.25	37	9	90	34	Clear.
June	70.50	81.53	92.47	72.77	79.32	14	99	10	61	38	6	84.75	18	71.25	34	4	97	5	Clear.
July	72 61	86.16	96.55	81.48	84.04	17	104	1	60	44	17	91.00	1	73.75	57	0	107	17	Clear.
Aug.	73.45	84.84	89.61	76.90	81 12	14	99	30	63	36	14	88.25	30	72.50	23	21	78	46	Clear.

## 2. WINDS AND CLOUDS.

Months.	Wind.								Clouds.								Thunder heard.	No. Days.	Humidity, 0-7.	Estimated.		
	Number of Observations.								Number of Observations.													
	N.	E.	S.	W.	N.W.	Pre- vail- ing.	N.	E.	S.	W.	N.W.	Pre- vail- ing.										
1850-51.	N.	E.	S.	W.	N.W.	0		N.	E.	S.	W.	N.W.	0									
November,	13	1	4	37	6	10	8	32	9	S. E.	3	0	0	16	11	16	21	8	45	W.	4	2
December,	22	17	2	21	11	29	4	4	14	S. W.	24	5	0	0	6	52	8	4	25	S. W.	2	2
January,	22	11	0	10	24	5	3	38	11	N. W.	8	11	0	4	2	53	14	7	25	S. W.	2	4
February,	22	16	1	28	15	9	4	19	0	S. E.	6	6	0	2	6	30	29	5	28	S. W.	3	6
March,	43	8	6	17	22	5	6	11	7	N.	10	1	0	0	3	21	28	11	50	W.	2	7
April,	41	17	10	6	7	14	6	12	1	N.	12	3	0	0	2	13	35	18	37	W.	8	4
May,	16	8	8	41	29	8	8	6	0	S. E.	3	6	1	0	19	29	24	7	35	S. W.	7	1
June,	8	4	5	26	14	21	26	13	3	S. E.	13	2	2	9	1	5	21	36	31	N. W.	15	1
July,	15	0	2	30	9	15	9	44	0	N. W.	7	0	0	11	2	16	9	22	57	N. W.	13	0
August,	4	9	3	27	9	12	26	9	5	N. W.	6	0	1	4	7	8	41	34	12	N. W.	15	3

Winter months rather dry; early spring months very wet; summer months unprecipitatedly dry and hot. First frost in autumn, November 8th. Whole number of frosts, 14. Number of freezing mornings, 24. Snow 3 times; whole amount (unmelted), 3 inches.

January 14th, frogs; 23d, *Senecio lobatus*. February 15th, *Acer rubrum*; 22d, *Prunus Americana*; 23d, *Persica vulgaris*; 26th, *Hedyotis cœrulea*. March 12th, *Amelanchier Canadensis*; 13th, corn planting; 21st, *Podophyllum peltatum*; 25th, cotton planting. April 6th, chimney swallows; 22d, ripe strawberries. May 1st, green peas and Irish potatoes; 24th, green cucumbers, &c. June 10th, green corn. July 15th, ripe melons; 20th, ripe figs (second crop); 25th, ripe peaches. August 1st, cotton picking.

## X. METEOROLOGICAL JOURNAL, MUSCATINE, IOWA.

*For the Year 1851. By T. S. Parvin.*

Months.	Barometer.				Thermometer, detached.							Clearness fr. 0 to 10.			
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Monthly Mean.	Maximum.	Minimum.	Sunrise.	9 A. M.	3 P. M.	9 P. M.
1851.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.				
January,	29.33	29.37	29.34	29.38	18.9	22.4	30.4	24.2	23.97	46	-16	4.6	5.6	4.9	5.2
Feb'y,	.35	.39	.40	.40	22.2	27.7	34.3	26.7	27.73	52	0	4.8	5.5	5.9	6.2
March,	.35	.37	.36	.37	30.4	37.9	50.1	34.5	38.22	78	12	6.6	7.1	5.9	6.9
April,	.31	.34	.30	.29	34.9	46.6	51.8	40.8	43.52	70	24	6.4	6.6	5.6	6.0
May,	.29	.29	.31	.28	50.0	59.3	67.0	59.2	58.19	82	23	4.7	4.8	4.8	4.9
June,	.21	.23	.22	.19	57.7	68.1	70.8	61.9	64.64	85	44	3.4	4.0	3.9	4.1
July,	.51	.52	.50	.50	64.5	71.1	81.4	69.37	71.62	92	44	6.9	6.5	6.2	6.5
August,	.69	.70	.66	.69	61.5	69.4	79.0	66.4	69.09	85	52	4.9	4.3	5.8	7.1
Sept'ber,	.76	.76	.72	.74	59.9	71.1	77.1	65.2	68.34	91	30	5.9	6.4	6.0	6.7
October,	.57	.56	.53	.54	42.9	49.9	58.5	50.1	50.35	79	18	5.3	6.0	5.8	6.7
Nov'ber,	.58	.59	.57	.59	28.8	35.5	40.0	33.6	34.50	51	14	3.7	3.3	3.8	4.6
Dec'ber,	.64	.67	.62	.66	17.4	20.2	25.9	21.8	21.37	56	-18	3.3	3.9	4.3	5.9
An M'n,	29.46	29.47	29.46	29.46	40.8	49.9	55.5	46.1	48.11	72	18	4.8	5.3	5.2	5.9

## 2. WINDS, CLOUDS, RAINS, ETC.

Months.	Winds, Force and Direction.								Clouds, Velocity and Course.								Weather (days).			Rain.		Snow.	
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	N. E.	S. E.	N. W.	S. W.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	N. E.	S. E.	N. W.	S. W.	Clear.	Cloudy.	Var'ble.	Days.	Quantity (inches).	Days.	Quantity (inches).
	1851.																						
January,	2.0	2.3	2.9	2.8	2	2	17	10	1.7	1.7	1.8	2.0	1	2	18	7	3	5	23	1	1.5	1	.5
Feb'y,	2.1	2.2	2.4	2.3	8	2	6	12	1.7	2.2	2.1	2.2	2	1	9	10	6	5	17	6	4.5	4	8.4
March,	2.2	2.3	2.7	2.2	4	6	13	8	2.3	2.2	2.4	2.0	2	2	10	8	11	2	18	4	3.0	3	.3
April,	2.2	2.5	2.5	2.6	14	1	11	4	2.0	2.0	2.2	2.5	13	1	6	9	7	4	19	8	3.6	2	6.0
May,	2.1	2.5	2.4	2.3	7	11	4	9	2.6	2.5	2.5	2.4	5	9	2	13	8	3	20	17	12.6		
June,	1.8	2.0	2.7	2.0	7	10	7	6	2.1	2.1	2.2	2.3	5	6	9	8	4	6	20	21	14.3		
July,	1.5	1.7	1.8	1.6	7	5	5	14	4.0	2.3	2.2	2.4	3	3	11	11	12	4	15	15	8.6		
August,	1.8	1.8	1.8	1.6	21	1	3	6	2.2	2.1	2.3	1.9	7	5	7	10	6	5	20	8	14.0		
Sept'ber,	1.4	1.9	1.5	1.4	9	6	5	10	2.0	2.0	1.9	1.9	6	5	16	10	7	13	6	3.5			
October,	1.6	2.2	2.0	1.9	9	4	13	5	1.8	2.0	1.8	1.9	1	2	13	7	12	7	12	7	1.4		
Nov'ber,	1.6	1.8	1.9	1.7	4	7	12	7	2.3	2.3	2.0	2.0	3	1	15	6	3	9	18	3	3.5	6	1.5
Dec'ber,	1.8	1.9	2.4	1.9	6	4	18	3	2.2	2.0	2.4	2.2		1	8	9	6	8	17	5	1.9	4	1.3
An.M'n,	1.9	2.1	2.2	2.0	8	5	9	8	2.0	2.1	2.1	2.1	4	3	9	9	7	5	18	8	6.0	3	3.0

Lowest temperature, December 16th,  $-18^{\circ}$ ; highest, July 27th,  $92^{\circ}$ . Range,  $110^{\circ}$ .Lowest height of Barometer, January 9th, 28.60 inches; thermometer attached,  $60^{\circ}$ ; greatest, December 4th, 30.60 inches; thermometer attached,  $28^{\circ}$ . Range, 2.0 inches. Mean, 29.46 inches.

Mississippi closed, January 30th; opened, February 21st. Closed 22 days.

Frost, last in the spring, May 24th; first in the fall, September 28th.

May 1st, thermometer stood, at sunrise, at  $22^{\circ}$ , with severe frost, which killed most of the fruit. May 21st, from 5 o'clock, A. M., to 10 P. M., there fell 4.5 inches of rain, 2.5 inches of which fell from 7 to 8 P. M. Immense destruction of mills and bridges. August 10th, 12 inches of rain in 2 hours at 9 P. M. June 8th, Mississippi 14.38 feet above low-water-mark, and higher than it has been since the spring of 1828. Total quantity of rain in inches, 72.4.

**XI. METEOROLOGICAL TABLE FOR ROCHESTER, N. Y.,**  
*For the Year 1851. Lat. 43° 8' 17" N., Long. 77° 51' W. Elevation above*  
*Tide-water, 506 feet. By Leander Wetherell.*

1851.	January.	Febr'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Annual Results.
<i>Barometer.</i>	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.
Greatest height,	30.19	30.15	29.87	30.06	29.85	29.95	29.70	29.84	30.07	29.70	30.14	29.98	30.19
Least height,	28.67	28.80	29.08	28.83	28.96	29.03	29.23	29.30	29.11	28.95	28.78	28.67	28.80
Mean,	29.40	29.53	29.44	29.47	29.41	29.48	29.46	29.58	29.57	29.36	29.34	29.43	29.58
<i>Thermometer.</i>													
Monthly mean,	28.50	32.20	35.90	43.20	55.90	65.60	70.30	67.70	62.20	50.30	35.80	24.00	47.40
Highest degree,	48	58	70	58	79	92	83	85	85	74	55	56	92
Lowest degree,	-1	2	16	30	31	49	55	56	41	31	19	-5	-5
Range,	49	56	54	28	48	43	28	29	44	43	36	61	97
Warmest day,	15	15	27	23	12	29	16	13	2	11	2	30	Je. 29
Coldest day,	30	8	3	12	2	3	1	27	24	25	12	26	Jy. 30
Fair days,	15½	5½	10½	12	12½	23½	20	18½	25½	15½	7½	8	175½
Cloudy days,	15½	22½	20½	18	18½	6½	11	12½	4½	15½	22½	23	189½
Rain fall, days,	1	6	6	11	8	13	20	9	10	12	4	2	102
Snow fell, days,	9	5	10	5	2	0	0	0	0	2	8	16	57
Rain and snow,	2	0	0	1	0	0	0	0	0	0	7	3	13
Inch. of rain, etc.	1.36	2.00	1.38	1.1	2.21	2.15	3.58	1.54	1.13	2.14	3.62	2.70	24.97
<i>Days of</i>													
N. wind,	2½	3	5	6½	4½	0	0	2	1½	0½	4½	2	31½
N. E. " "	1½	0½	2½	4	2	0	2½	1	5	1	0½	1½	22½
E. " "	1	1½	3	5	2	0	0	1	1½	0½	1½	0½	17
S. E. " "	2	2	2	2½	1½	0	1	0	2	2½	2½	2½	20
S. " "	3½	7	2½	0½	5	5	1½	3½	2	2½	2½	3½	39
S. W. " "	5	2½	5½	0½	4	2½	4	4½	12½	13	5	6½	65½
W. " "	11½	6	7	5½	8½	1	2	3	2½	5½	9½	7	69½
N. W. " "	3½	5½	3½	5½	3½	21½	20	16	3½	6	4	7½	99½
Prevailing wind,	W.	S.	W.	N.	W.	N.W	N.W	N.W	S.W.	S.W.	W.	N.W.	wnw

**XII. FLOWERING OF FRUIT-TREES IN 1852.**

Places.	Plum.	Pear.	Peach.	Cherry.	Apple.
Cambridge, Mass.,	May 12	May 12	May 16	May 23	May 25
Woodstock, Vt.,	May 15 - 20				May 29
New Haven, Ct.,			May 11		May 20
Lambertville, N. J.,			May 6	May 6	May 9
Perth Amboy, N. J.,	May 7		May 6	May 7	May 9
King George Co., Va.,	April 15		April 3 - 10	April 3	April 15 - 23
Chapel Hill, N. C.,		March 15	March 1	March 6	March 12
Savannah, Ga.,	Feb. 23		Feb. 20		
Columbus, Ohio,	April 15	April 27	April 27	April 26	May 5

**XIII. FALL OF RAIN AT KING GEORGE'S COURT-HOUSE, VA.**

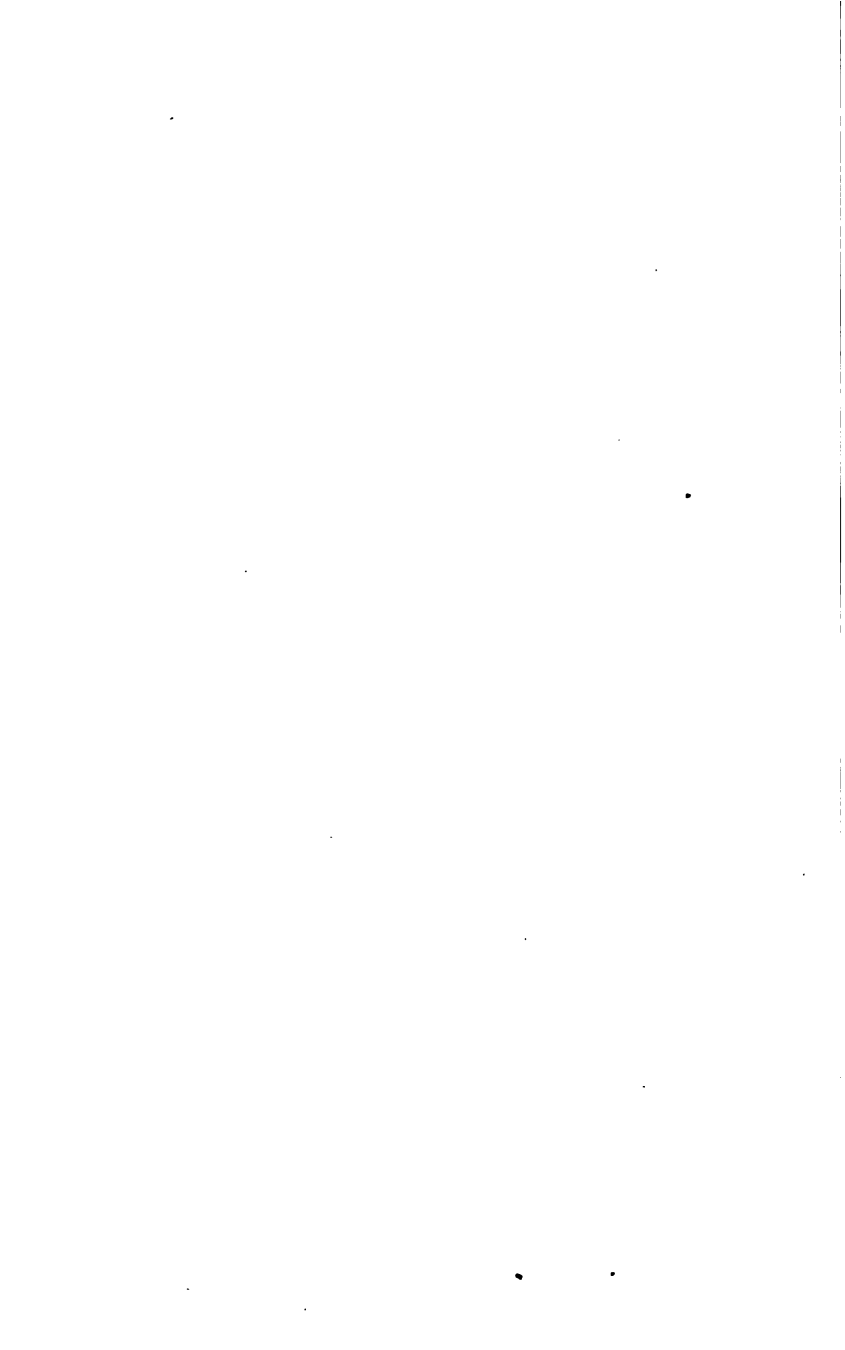
*As denoted by Crosley's (English) Rain-Gauge.*

Inches.	Inches.	Inches.	Inches.
1851, July 2.87	Oct. 1.27	1852, Jan. 0.80	April 5.59
Aug. 2.05	Nov. 2.25	Feb. 1.845	May 0.64
Sept. 1.25	Dec. 1.03	Mar. 2.42	June 4.425
6.17	4.55	5.065	10.655
From January to June,	16.21		5.065
" July to December,	10.72	From January to June,	15.72
26.93 in 1851.			

THE  
AMERICAN ALMANAC,  
FOR  
1853.

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PART II.



# UNITED STATES.

## I. PRESIDENTS OF THE UNITED STATES FROM THE ADOPTION OF THE CONSTITUTION.

		Term Began.	Term Ended.
1. George Washington,	Virginia,	April 30, 1789,	March 3, 1797.
2. John Adams,	Massachusetts,	March 4, 1797,	March 3, 1801.
3. Thomas Jefferson,	Virginia,	March 4, 1801,	March 3, 1809.
4. James Madison,	Virginia,	March 4, 1809,	March 3, 1817.
5. James Monroe,	Virginia,	March 4, 1817,	March 3, 1825.
6. John Quincy Adams,	Massachusetts,	March 4, 1825,	March 3, 1829.
7. Andrew Jackson,	Tennessee,	March 4, 1829,	March 3, 1837.
8. Martin Van Buren,	New York,	March 4, 1837,	March 3, 1841.
9. William Henry Harrison,*	Ohio,	March 4, 1841,	April 4, 1841.
10. John Tyler,	Virginia,	April 4, 1841,	March 3, 1845.
11. James Knox Polk,	Tennessee,	March 4, 1845,	March 3, 1849.
12. Zachary Taylor,*	Louisiana,	March 4, 1849,	July 9, 1850.
13. Millard Fillmore,	New York,	July 9, 1850.	

## II. EXECUTIVE GOVERNMENT.

THE 16th Presidential term of four years, since the establishment of the government of the United States under the Constitution, began on the 4th of March, 1849; and it will expire on the 3d of March, 1853.

MILLARD FILLMORE, of New York, <i>President</i> ,	Salary. \$ 25,000
Vacancy, <i>Vice-President</i> ,	5,000

General Zachary Taylor, of Louisiana, having been elected by a majority of thirty-six of the electoral votes, was on the 4th of March, 1849, inaugurated President of the United States, and died on the 9th of July, 1850. In consequence of this event, the duties of the office have devolved on Millard Fillmore, of New York, who had been elected by the same majority Vice-President, in accordance with the provision of the Constitution of the United States, which says, "In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of said office, the same shall devolve on the Vice-President."

### THE CABINET.

The following are the principal officers in the *executive department* of the government, who form the Cabinet, and who hold their offices at the will of the President.

\* Died in office.



			Salary.
DANIEL WEBSTER,	Massachusetts,	<i>Secretary of State,</i>	\$ 6,000
THOMAS CORWIN,	Ohio,	<i>Secretary of the Treasury,</i>	6,000
CHARLES M. CONRAD,	Louisiana,	<i>Secretary of War,</i>	6,000
JOHN P. KENNEDY,	Maryland,	<i>Secretary of the Navy,</i>	6,000
A. H. H. STUART,	Virginia,	<i>Secretary of the Interior,</i>	6,000
SAMUEL D. HUBBARD,	Connecticut,	<i>Postmaster-General,</i>	6,000
JOHN J. CRITTENDEN,	Kentucky,	<i>Attorney-General,</i>	6,000

## DEPARTMENT OF STATE.

Daniel Webster, *Secretary.*

	Salary.		Salary.
William Hunter, <i>Chief Clerk,</i>	\$ 2,000	Charles Lanman, <i>Clerk,</i>	\$ 1,400
Francis Markoe, <i>Clerk,</i>	2,000	Robert S. Chilton, <i>do.</i>	1,400
Robert S. Chew, <i>do.</i>	2,000	Thomas Sewall, <i>do.</i>	1,400
William C. Zantzinger, <i>do.</i>	2,000	George Chipman, <i>do.</i>	1,400
George J. Abbot, <i>do.</i>	1,700	Charles V. Gordon, <i>do.</i>	1,000
Alex. H. Derrick, <i>do.</i>	1,600	Henry D. J. Pratt, <i>do.</i>	900
James S. Mackie, <i>do.</i>	*1,500	Peyton Jaudon, <i>do.</i>	900
William C. Reddall, <i>do.</i>	1,400	Louis F. Tasistro, <i>Translator</i>	
John P. Polk, <i>do.</i>	1,400	<i>and Librarian,</i>	1,600
Thomas L. Forrest, <i>do.</i>	1,400		

## TREASURY DEPARTMENT.

Thomas Corwin, *Secretary.*

George Harrington, <i>Chief Clerk,</i>	2,000	Steph. Pleasanton, <i>5th Auditor,</i>	3,000
<i>Assistant Secretary.</i>		Thomas Mustin, <i>Chief Clerk,</i>	1,700
William L. Hodge,	3,000	J. W. Farrelly, <i>6th Auditor</i>	
R. H. Lee, <i>Clerk,</i>	1,700	( <i>Post-Office</i> ),	3,000
<i>Comptrollers.</i>		G. J. Ball, <i>Chief Clerk,</i>	1,700
Elisha Whittlesey, <i>1st Comp.,</i>	3,500	<i>Commissioner of Customs.</i>	
E. C. Seaman, <i>Chief Clerk,</i>	1,700	Charles W. Rockwell,	3,000
Edward J. Phelps, <i>2d Comp.,</i>	3,000	John D. Barclay, <i>Chief Clerk,</i>	1,700
J. M. Cutts, <i>Chief Clerk,</i>	1,700	Charles Bradley,	
<i>Auditors.</i>		Egbert Benson,	} <i>Appraisers at</i> <i>Large.</i>
Thos. L. Smith, <i>1st Auditor,</i>	3,000	J. S. Riddel,	
M. H. Miller, <i>Chief Clerk,</i>	1,700	Lewis Sutton,	
Philip Clayton, <i>2d Auditor,</i>	3,000	<i>Treasurer's Office.</i>	
William echlin, <i>Chief Clerk,</i>	1,700	John Sloane, <i>Treasurer,</i>	3,000
John S. Gallaher, <i>3d Auditor,</i>	3,000	W. B. Randolph, <i>Chief Clerk,</i>	1,700
James Thompson, <i>Chief Clerk,</i>	1,700	<i>Assistant Treasurers.</i>	
Aaron O. Dayton, <i>4th Auditor,</i>	3,000	Franklin Haven, <i>Boston,</i>	2,500
R. L. Mackall, <i>Chief Clerk,</i>	1,700		

\* For general provisions for the increase of the salaries of all clerks, &c. whose pay is under 600 per annum, see *post*, Public Laws (Chap. CVIII.).

	Salary.		Salary.
John Young, <i>New York</i> ,	\$ 4,000	Mich. Nourse, <i>Chief Clerk</i> ,	\$ 1,700
Edward C. Dale, <i>Philadelphia</i> ,	2,500		
Wm. M. Martin, <i>Charleston</i> ,	2,500	<i>Solicitor's Office.</i>	
William Dubuys, <i>New Orleans</i> ,	2,500	John C. Clark, <i>Solicitor</i> ,	3,500
Henry S. Turner, <i>St. Louis</i> ,	2,500	B. F. Pleasants, <i>Chief Clerk</i> ,	1,700
<i>Register's Office.</i>		<i>Coast Survey.</i>	
Nathan Sargent, <i>Register</i> ,	3,000	Alex. D. Bache, <i>Superintendent</i> ,	6,000

## WAR DEPARTMENT.

Charles M. Conrad, *Secretary*.

John Potts, <i>Chief Clerk</i> ,	2,000	Richard Gott, <i>Chief Clerk</i> ,	1,600
<i>Adjutant-General's Office.</i>		<i>Medical Bureau.</i>	
Samuel Cooper, <i>Col., Adjutant-General.</i>		Thomas Lawson, <i>Brev. Brig.-Gen., Surg.-Gen.</i>	
Lorenzo Thomas, <i>Lt.-Col., Assist. Adj.-Gen.</i>		H. L. Heiskell, <i>Surg. &amp; Assist. Surg.-Gen.</i>	
J. L. Addison, <i>Chief Clerk</i> ,	1,200	R. Johnson, <i>Chief Clerk</i> ,	1,150
<i>Quartermaster-General's Bureau.</i>		<i>Engineer Bureau.</i>	
T. S. Jesup, <i>Brev. Maj.-Gen., Quartermaster-General.</i>		J. G. Totten, <i>Brev. Brig.-Gen., Chief Engineer.</i>	
Charles Thomas, <i>Brev. Lt.-Col., Quartermaster.</i>		F. A. Smith, <i>Capt. &amp; Assist. Chief Engineer.</i>	
Wm. A. Gordon, <i>Chief Clerk</i> ,	1,600	F. N. Barbarin, <i>Chief Clerk</i> ,	1,200
<i>Pay Bureau.</i>		<i>Topographical Bureau.</i>	
N. Towson, <i>Brev. Maj.-Gen., Paymaster-General.</i>		John J. Abert, <i>Col., Chief Top. Engineer.</i>	
B. F. Larned, <i>Lt.-Col., Deputy Paymaster-General.</i>		T. J. Lee, <i>Capt., Assist. Chief Top. Engineer.</i>	
Nathaniel Fry, <i>Chief Clerk</i> ,	1,700	Geo. Thompson, <i>Chief Clerk</i> ,	1,400
<i>Subsistence Bureau.</i>		<i>Ordnance Bureau.</i>	
Geo. Gibson, <i>Brev. Maj.-Gen., Com.-Gen. of Subsistence.</i>		Henry K. Craig, <i>Col., Chief of Ordnance.</i>	
A. E. Shiras, <i>Capt. 4th Art., Assist. Com. Subsistence.</i>		W. Maynadier, <i>Capt. &amp; Assist. Chief Clerk</i> ,	1,200

## NAVY DEPARTMENT.

John P. Kennedy, *Secretary*.

John Etheridge, <i>Chief Clerk</i> ,	2,000
Joseph Smith, <i>Chief of the Bureau of Docks and Navy-Yards</i> ,	3,500
Charles Morris, <i>do. do. Ordnance and Hydrography</i> ,	3,500
W. B. Shubrick, <i>do. do. Construct., Equip., &amp; Repairs</i> ,	3,500
Charles W. Skinner, <i>Inspector of Ordnance</i> ,	3,500
Wm. Sinclair, <i>Chief of the Bureau of Provisions and Clothing</i> ,	3,500
Thomas Harris, <i>do. do. Med. and Surg. Instruments</i> ,	2,500
Lieut. M. F. Maury, <i>Superintendent of Observatory at Washington</i> ,	3,000
John Lenthall, <i>Chief Naval Constructor.</i>	
Charles B. Stuart, <i>Engineer in Chief.</i>	

## DEPARTMENT OF THE INTERIOR.

A. H. H. Stuart, *Secretary*.

	Salary.		Salary.
Geo. C. Whiting, <i>Chief Clerk</i> , \$2,000		Henry B. Renwick, <i>Examiner</i> , \$2,500	
<i>General Land-Office.</i>		Leonard D. Gale, <i>do.</i>	2,500
John Wilson, <i>Commissioner</i> , 3,000		Jona. H. Lane, <i>do.</i>	2,500
Edward A. Cabell, <i>Principal Clerk of Public Lands</i> , 1,800		Samuel Cooper, <i>do.</i>	2,500
Jos. S. Wilson, <i>Chief Clerk of Private Land Claims</i> , 1,800		Titian R. Peale, <i>Assist. Exam.</i> , 1,500	
John M. Moore, <i>Chief Clerk of Surveys</i> , 1,800		T. J. Everett, <i>do.</i>	1,500
Elias S. Terry, <i>Recorder</i> , 2,000		R. Wm. Johnston, <i>do.</i>	1,500
M. P. Fillmore, <i>Secret. to Pres. to sign Land Patents</i> , 1,500		Tim. J. Fitch, <i>do.</i>	1,500
<i>Indian Office.</i>		F. S. Smith, <i>do.</i>	1,500
Luke Lea, <i>Commissioner</i> , 3,000		W. C. Langdon, <i>do.</i>	1,500
Charles E. Mix, <i>Chief Clerk</i> , 2,000		A. L. McIntire, <i>Draughtsman</i> , 1,200	
<i>Pension Office.</i>		S. P. Bell, <i>Machinist</i> , 1,250	
James E. Heath, <i>Commissioner</i> , 2,500		Wm. W. Turner, <i>Librarian</i> .	
Kenton Harper, <i>Chief Clerk</i> , 1,600		<i>Superintendent of Census.</i>	
<i>Patent Office.</i>		Jos. C. G. Kennedy,	2,500
Thos. Ewbank, <i>Commissioner</i> , 3,000		<i>Public Buildings.</i>	
R. C. Weightman, <i>Chief Clerk</i> , 1,700		William Easby, <i>Commissioner</i> , 2,000	
Vacant, <i>Examiner</i> , 2,500		<i>Penitentiary.</i>	
Henry Baldwin, <i>do.</i> , 2,500		Jonas P. Ellis, <i>Warden</i> , 1,500	
		John S. Towers, <i>Inspector</i> , 100	
		Thomas Donoho, <i>do.</i> , 100	
		Wm. H. Edes, <i>do.</i> , 100	

## POST-OFFICE DEPARTMENT.

Samuel D. Hubbard, *Postmaster-General*.

Solomon D. Jacobs, <i>1st Assistant Postmaster-Gen., Appointment Office</i> , 2,500	
Wm. H. Dundas, <i>2d do. do., Contract Office</i> , 2,500	
John Marron, <i>3d do. do., Finance Office</i> , 2,500	
Thos. P. Trott, <i>Chief Clerk P. O. Dep't, and Chief of Inspection Office</i> , 2,000	
John W. Farrelly, <i>Auditor of the Treasury for the Post-Office</i> , 3,000	
G. J. Ball, <i>Chief Clerk of the Auditor</i> , 2,000	

## COMMISSION TO ADJUST PRIVATE LAND CLAIMS IN CALIFORNIA.

	Salary.	
Hiland Hall, of Vermont, \$6,000		Geo. W. Cooley, <i>Att'y for U. States</i> .
Harry J. Thornton, of Ala., 6,000		George Fisher, <i>Secretary</i> .
Gustavus A. Henry, of Tenn., 6,000		

## POSTMASTERS IN THE CHIEF TOWNS AND CITIES.\*

[Corrected in the Post-Office Department, to Aug. 18, 1852.]

Cities.	Postmasters.	Cities.	Postmasters.
Augusta, Me.	Joseph Burton.	Calais, Me.	B. M. Flint.
Bangor, Me.	Joshua W. Carr.	Castine, Me.	Charles Rogers.
Bath, Me.	Rufus R. Haines.	Eastport, Me.	Winslow Bates.
Brunswick, Me.	John McKeen.	Hallowell, Me.	Thomas Hovey.

\* The offices marked thus (\*) are the distributing offices.

Cities.	Postmasters.	Cities.	Postmasters.
*Portland, Me.	Joshua Dunn.	Pawtucket, R. I.	Thos. Lefavour.
Robbinston, Me.	Josiah H. Briggs.	*Providence, R. I.	Henry L. Bowen.
Saco, Me.	Fred. T. Storer.	Bridgeport, Conn.	George Wade.
Thomaston, Me.	Asa C. Fuller.	*Hartford, Conn.	Ezra S. Hamilton.
Waterville, Me.	Samuel Appleton.	Litchfield, Conn.	L. W. Wessells.
Charlestown, N. H.	S. L. Fletcher.	Middletown, Ct.	Wm. Woodward.
Concord, N. H.	E. Hutchins.	New Haven, Ct.	J. B. Robertson.
Dover, N. H.	G. P. Wentworth.	New London, Ct.	James H. Turner.
Exeter, N. H.	J. Robinson.	Norwich, Conn.	John Dunham.
Hanover, N. H.	Willis Kinsman.	*Albany, N. Y.	James Kidd.
Keene, N. H.	Seldon F. White.	Auburn, N. Y.	E. A. Warden.
Manchester, N. H.	James Hersey.	Batavia, N. Y.	Chas. E. Ford.
Nashua, N. H.	A. P. Hughes.	Binghamton, N. Y.	Benj. T. Cook.
Portsmouth, N. H.	T. L. Tullock.	Brooklyn, N. Y.	Gold S. Silliman.
Bennington, Vt.	Horace T. White.	*Buffalo, N. Y.	James O. Putnam.
Brattleboro', Vt.	F. H. Fessenden.	Canandaigua, N. Y.	Geo. L. Whitney.
Burlington, Vt.	L. P. Blodgett.	Catskill, N. Y.	David Ely.
Middlebury, Vt.	Asa Chapman.	Cooperstown, N. Y.	Wm. Nichols.
Montpelier, Vt.	Charles Lyman.	Elmira, N. Y.	H. H. Matthews.
Rutland, Vt.	Charles Burt.	Geneva, N. Y.	Barzillai Slosson.
Windsor, Vt.	Joseph D. Hatch.	Hudson, N. Y.	Robt. H. Barnard.
Amherst, Mass.	Samuel C. Carter.	Ithaca, N. Y.	Julius M. Ackley.
Andover, Mass.	Amos Abbot.	Lockport, N. Y.	Solo. Parmelee.
*Boston, Mass.	Geo. W. Gordon.	Newburg, N. Y.	Samuel W. Eager.
Cambridge, Mass.	Nathan Fiske.	*New York, N. Y.	Wm. V. Brady.
Charlestown, Mass.	N. Merrill.	Ogdensburg, N. Y.	Geo. Robinson.
Dedham, Mass.	Elisha Thayer.	Oswego, N. Y.	Cheny Ames.
Greenfield, Mass.	D. N. Carpenter.	Owego, N. Y.	Chas. R. Barstow.
Lawrence, Mass.	Nath. Wilson.	Plattsburg, N. Y.	Levi Platt.
Lowell, Mass.	Alfred Gilman.	Poughkeepsie, N. Y.	Isaac Platt.
Lynn, Mass.	Abner Austin.	Rochester, N. Y.	Darius Perrin.
Nantucket, Mass.	Joseph Mitchell.	Rome, N. Y.	R. G. Savary.
New Bedford, Ms.	Simeon Bailey.	Saratoga Sp., N. Y.	Samuel Pitkin.
Newburyport, Ms.	Fred. G. Coffin.	Schenectady, N. Y.	Peter Banker.
Northampton, Ms.	Augustus Clarke.	Sharon, N. Y.	Robt. W. Brown.
Pittsfield, Mass.	Phineas Allen, Jr.	Syracuse, N. Y.	Wm. Jackson.
Plymouth, Mass.	Ephraim Spooner.	Troy, N. Y.	W. T. Willard.
Salem, Mass.	George Russell.	Utica, N. Y.	Jos. A. Sherman.
Sandwich, Mass.	Z. R. Hinckly.	Watertown, N. Y.	Philo S. Johnson.
Springfield, Mass.	Wm. Stowe.	West Point, N. Y.	Mary Berard.
Taunton, Mass.	Wm. Brewster.	Whitehall, N. Y.	Wm. G. Wolcott.
Ware, Mass.	Addison Sanford.	Burlington, N. J.	James Watts.
Williamstown, Ms.	Isaac Latham.	Newark, N. J.	Rodney Wilbur.
Worcester, Mass.	Ed. W. Lincoln.	N. Brunswick, N. J.	Samuel C. Cook.
Newport, R. I.	T. Coggeshall.	Paterson, N. J.	William Dickey

Cities.	Postmasters.	Cities.	Postmasters.
Princeton, N. J.	A. Stryker.	*Raleigh, N. C.	Wm. White.
Trenton, N. J.	John S. M'Cully.	Wilmington, N. C.	James G. Burr.
Carlisle, Pa.	Nath. Hantch.	Camden, S. C.	J. N. Gamewell.
Chambersburg, Pa.	Nicholas Pearse.	*Charleston, S. C.	Alfred Huger.
Easton, Pa.	Benj. F. Arndt.	Columbia, S. C.	James B. Glass.
*Erie, Pa.	Thos. H. Sill.	Georgetown, S. C.	Wm. McNulty.
Harrisburg, Pa.	J. Jones.	*Yorkville, S. C.	Samuel Melton.
Hollidaysburg, Pa.	J. Baldridge.	Athens, Ga.	John Crawford.
Kensington, Pa.	Samuel Ware.	*Augusta, Ga.	E. B. Glascock.
Lancaster, Pa.	G. W. Hamersly.	*Columbus, Ga.	Jos. A. L. Lee.
Meadville, Pa.	A. F. Stewart.	Darien, Ga.	A. A. DeLorme.
*Northumberland, Pa.	Marg. Weimer.	Macon, Ga.	Zeph. T. Conner.
*Philadelphia, Pa.	Wm. J. P. White.	Milledgeville, Ga.	John W. Smead.
*Pittsburg, Pa.	Saml. Roseburgh.	*Savannah, Ga.	Brysen M. Morel.
Pottsville, Pa.	A. Mortimer.	Apalachicola, Fla.	Milton N. Scott.
Reading, Pa.	Henry Rhoades.	Key West, Fla.	R. L. Hicks.
Uniontown, Pa.	John F. Beazel.	Pensacola, Fla.	H. Kelly.
Wilkesbarre, Pa.	Steuben Butler.	Tallahassee, Fla.	Thos. Hayward.
Dover, Del.	J. B. Smith.	Florence, Ala.	Geo. W. Sneed.
Newcastle, Del.	J. G. Challenger.	Greensboro', Ala.	John Fife.
Wilmington, Del.	H. H. J. Naff.	*Huntsville, Ala.	Joseph J. Pitman.
Annapolis, Md.	Edwin Boyle.	Mobile, Ala.	Oliver S. Beers.
*Baltimore, Md.	C. T. Maddox.	*Montgomery, Ala.	Martin Pond.
Cumberland, Md.	Jas. C. Magraw.	Tuscaloosa, Ala.	Wm. D. Marrast.
Frederick, Md.	Jacob Faubel.	*Tuscumbia, Ala.	R. B. Alexander.
Hagerstown, Md.	Geo. Updegraff.	Jackson, Miss.	J. C. McAllister.
Georgetown, D. C.	H. W. Tilley.	*Natchez, Miss.	Alonzo M. Griffin.
*Washington, D. C.	Wm. A. Bradley.	Pass Christian, Mi.	Sarah A. Hiern.
Abingdon, Va.	Geo. R. Barr.	Port Gibson, Miss.	J. C. Melchior.
Alexandria, Va.	Daniel Bryan.	*Vicksburg, Miss.	John F. Bodley.
Charlottesville, Va.	T. Wayt.	Baton Rouge, La.	John C. La None.
Clarksburg, Va.	Elias Bruen.	Donaldsonville, La.	Victor Maurin.
Fredericksburg, Va.	R. T. Thom.	*Natchitoches, La.	Thos. H. Airey.
*Kanawha C. H., Va.	James A. Lewis.	*New Orleans, La.	Michael Musson.
Lynchburg, Va.	W. M. Blackford.	Austin, Tex.	Benj. Johnson.
*Norfolk, Va.	P. J. Cohen.	Corpus Christi, Tex.	D. W. Brewster.
*Petersburg, Va.	Robert Birchett.	*Galveston, Tex.	R. D. Johnson.
Richmond, Va.	Thos. B. Bigger.	Houston, Tex.	Fred. W. Smith.
*Wheeling, Va.	Jacob S. Shriver.	Fort Gibson, Ark.	Wm. P. Denckla.
Winchester, Va.	Richard Milton.	Little Rock, Ark.	Wm. F. Pope.
*Ashville, N. C.	James L. McKee.	Columbia, Tenn.	L. H. Wilcox.
Fayetteville, N. C.	John McRae.	Knoxville, Tenn.	Jas. C. Luttrell.
Greensboro', N. C.	Wm. Gott.	*Memphis, Tenn.	F. S. Latham.
Hillsboro', N. C.	Dennis Heartt.	Murfreesboro', Ten.	E. B. McLean.
Newbern, N. C.	Wm. H. Harvey.	*Nashville, Tenn.	John Shelby.

Cities.	Postmasters.	Cities.	Postmasters.
*Cumb'd Gap, Ky.	Wm. Dickinson.	*Vincennes, Ind.	Lewis L. Watson.
Frankfort, Ky.	James M. Todd.	Alton, Ill.	Timothy Souther.
Lexington, Ky.	G. R. Trotter.	*Chicago, Ill.	Geo. W. Dole.
*Louisville, Ky.	Fred. G. Edwards.	Galena, Ill.	Wm. P. Millard.
*Maysville, Ky.	Ely D. Anderson.	Jacksonville, Ill.	Eben. T. Miller.
Chillicothe, Ohio,	Charles Martin.	Kaskaskia, Ill.	Ferd. Unger.
Cincinnati, Ohio,	William Oliver.	Peoria, Ill.	John King.
Cleveland, Ohio,	Daniel M. Haskell.	Quincy, Ill.	Abraham Jonas.
*Columbus, Ohio,	Aaron F. Perry.	*Shawneetown, Ill.	Calvin Gold.
Dayton, Ohio,	Adam Speice.	Springfield, Ill.	Abner G. Ellis.
Marietta, Ohio,	Fred. A. Wheeler.	Independence, Mo.	G. R. Hotsenpillar.
Newark, Ohio,	Geo. P. Conrad.	Jefferson Bar., Mo.	Geo. Stevenson.
Sandusky, Ohio,	David Powers.	Jefferson City, Mo.	Thos. W. Cloney.
Steubenville, Ohio,	F. A. Wells.	*St. Louis, Mo.	Archib. Gamble.
*Toledo, Ohio,	Hez. D. Mason.	Muscataine, Io.	Richard Cadee.
Zanesville, Ohio,	Isaac Dillon.	Madison, Wisc.	Chauncey Abbott.
Adrian, Mich.	W. M. Comstock.	Milwaukee, Wisc.	Edm. H. Kimball.
Ann Arbor, Mich.	Caleb Clark.	Benicia, Cal.	Chas. W. Haden.
*Detroit, Mich.	A. S. Williams.	Monterey, Cal.	William G. Marcy.
Jackson, Mich.	James A. Dyer.	Sacramento City, Cal.	R. A. Edes.
Kalamazoo, Mich.	D. S. Walbridge.	San Diego, Cal.	Richard Rust.
Pontiac, Mich.	L. Bacon, Jr.,	San Francisco, Cal.	J. B. Moore.
Evansville, Ind.	Wm. H. Chandler.	San José, Cal.	Jacob D. Hoppe.
*Indianapolis, Ind.	A. W. Russell.	Astoria, Oregon,	Butler Anderson.
Lafayette, Ind.	Daniel Brawley.	Oregon City, Or.	F. S. Holland.
Madison, Ind.	C. P. J. Arion.	Fort Kearny,	L. B. Dougherty.
New Albany, Ind.	Geo. H. Harrison.	St. Pauls, Min.	Jacob W. Bass.
Terre Haute, Ind.	Jas. T. Moffat.	Santa Fé, N. Mex.	Wm. A. Miller.

## COLLECTORS OF CUSTOMS IN THE PRINCIPAL PORTS.

[Corrected in the Treasury Department, Aug. 18, 1852.]

Ports.	Collectors.	Ports.	Collectors.
Bangor, Me.	Wm. C. Hammatt.	Wiscasset, Me.	Jeremiah Bailey.
Bath, Me.	D. Bronson.	York, Me.	Nath. G. Marshall.
Belfast, Me.	M. C. Blake.	Portsmouth, N. H.	Lory Odell.
Castine, Me.	C. J. Abbott.	Barnstable, Ms.	Ebenezer Bacon.
Eastport, Me.	Daniel Kilby.	Boston, Ms.	Philip Greely, Jr.
Ellsworth, Me.	Charles Peters.	Edgartown, Ms.	Leavitt Thaxter.
Kennebunk, Me.	Daniel Remick.	Fall River, Ms.	Saml. L. Thaxter.
Machias, Me.	Wm. B. Smith.	Gloucester, Ms.	Frederic G. Low.
Portland, Me.	Luther Jewett.	Marblehead, Ms.	James Gregory.
Saco, Me.	Joseph T. Nye.	Nantucket, Ms.	Wm. R. Easton.
Waldoboro', Me.	Bela B. Haskell.	New Bedford, Ms.	Wm. T. Russell.

Ports.	Collectors.	Ports.	Collectors.
Newburyport, Ms.	H. W. Kinsman.	Eliza'h City, N.C.	Geo. W. Charles.
Plymouth, Ms.	Thomas Hedge.	Newbern, N. C.	John D. Whitford.
Salem, Ms.	Ephraim F. Miller.	Ocracoke, N. C.	Joshua Taylor.
Bristol, R. I.	Jona. R. Bullock.	Plymouth, N. C.	Joseph Ramsay.
Newport, R. I.	E. W. Lawton.	Washington, N.C.	R. H. I. Blount.
Providence, R. I.	Wm. R. Watson.	Wilmington, N.C.	A. D. Moore.
Burlington, Vt.	Albert L. Catlin.	Beaufort, S. C.	B. R. Bythewood.
Fairfield, Ct.	Wm. H. Peet.	Charleston, S. C.	Wm. J. Grayson.
Middletown, Ct.	Samuel Cooper.	Georgetown, S. C.	Thomas L. Shaw.
New Haven, Ct.	James Donaghe.	Darien, Geo.	Woodford Maybry.
New London, Ct.	Nicoll Fosdick.	Savannah, Geo.	Hiram Roberts.
Stonington, Ct.	Oliver York.	St. Mary's, Geo.	John H. Dilworth.
Buffalo, N. Y.	W. Ketchum.	Apalachicola, Fa.	Benj. S. Hawley.
C. Vincent, N. Y.	G. S. Sackett.	Jacksonville, Fa.	Isaiah D. Hart.
Lewiston, N. Y.	L. Cook.	Key West, Fa.	S. J. Douglass.
New York, N. Y.	Hugh Maxwell.	Pensacola, Fa.	Robert Mitchell.
Ogdensburg, N. Y.	James C. Barter.	Port Leon, Fa.	Robt. W. Allston.
Oswego, N. Y.	Jacob Richardson.	St. Augustine, Fa.	J. M. Hanson.
Plattsburg, N. Y.	O. D. Peabody.	Mobile, Ala.	John J. Walker.
Rochester, N. Y.	J. R. Thompson.	Natchez, Miss.	Chas. R. Railey.
Sacket's H'r, N. Y.	Danl. M'Culloch.	Shieldsboro', Miss.	J. H. Williams.
Sag Harbor, N. Y.	Edwin Rose.	Vicksburg, Miss.	James Gwinn.
Bargaintown, N. J.	Rich. C. Holmes.	Franklin, La.	Robert Hare.
Bridgetown, N. J.	Ephraim Buck.	New Orleans, La.	G. C. Lawrenson.
Lamberton, N. J.	Hiram Lenox.	Galveston, Texas,	John B. Ashe.
Newark, N. J.	Fred. S. Thomas.	Sabine, Texas,	H. H. W. Augusten.
Perth Amboy, N. J.	C. M. K. Smith.	La Salle, Texas,	Levi Jones.
Tuckerton, N. J.	J. D. Thompson.	Point Isabel, Tex.	John S. Rhea.
Erie, Pa.	W. M. Gallagher.	Cleveland, Ohio,	C. L. Russell.
Philadelphia, Pa.	Wm. D. Lewis.	Toledo, Ohio,	C. W. Hill.
Wilmington, Del.	Charles Polk.	Sandusky, Ohio,	Harlow Case.
Annapolis, Md.	Thomas Ireland.	Chicago, Ill.	Jacob Russell.
Baltimore, Md.	George P. Kane.	Detroit, Mich.	Oliver M. Hyde.
Oxford, Md.	John H. Allen.	Michil'ck, Mich.	Charles E. Avery.
Vienna, Md.	H. C. Hicks.	Milwaukee, Wisc.	A. W. Hatch.
Georgetown, D. C.	Henry Addison.	Benicia, Cal.	W. W. Gallaer.
Alexandria, Va.	Joseph Eaches.	Monterey, Cal.	Wm. H. Russell.
Eastville, Va.	P. S. Bowdoin.	Sacramento C., Cal.	J. S. Hambleton.
Norfolk, Va.	Wm. Garnett.	San Diego, Cal.	W. C. Ferrel.
Petersburg, Va.	Wm. F. Bowden.	San Francisco, Cal.	Thomas B. King.
Richmond, Va.	L. H. Trigg.	Stockton, Cal.	M. Walthall.
Tappahannock, Va.	Jefferson Minor.	Astoria, O. T.	J. Adair.
Yorktown, Va.	Wm. S. Mallicote.	Olympia, O. T.	S. P. Moses.
Beaufort, N. C.	J. E. Gible.	Scottsville, O. T.	Colin Wilson.
Edenton, N. C.	Jas. E. Norfleet.	Pembina, Min. T.	T. C. Cavilar.

## NAVAL OFFICERS in Office August, 1852.

Names.	Districts.	Names.	Districts.
John McClintock,	Portsmouth, N. H.	Peter C. Ellmaker,	Philadelphia, Pa.
Thomas J. Clark,	Newburyport, Ms.	Thomas K. Carroll,	Baltimore, Md.
William Brown,	Salem, Ms.	Thomas Gatewood,	Norfolk, Va.
Charles Hudson,	Boston, Ms.	James G. Green,	Wilmington, N. C.
Adam S. Coe,	Newport, R. I.	Henry M. Howard,	Charleston, S. C.
Moses Richardson,	Providence, R. I.	Henry K. Preston,	Savannah, Ga.
David A. Bokee,	New York, N. Y.	Manuel J. Garcia,	New Orleans, La.

## REGISTERS, RECEIVERS, SURVEYORS, AND GEOLOGISTS CONNECTED WITH THE LAND-OFFICE.

*Names of Registers and Receivers in Office August 27th, 1852.*

State.	Place.	Registers.	Receivers.
ALABAMA,	St. Stephens,	James Magoffin,	J. W. Faith.
"	Cahawba,	E. W. Sanders,	W. M. Lapsley.
"	Huntsville,	W. B. Figures,	Samuel Cruse.
"	Tuscaloosa,	E. M. Burton,	M. J. Slade,
"	Sparta,	W. Judge,	Andrew Jay.
"	Demopolis,	E. A. Taylor,	A. L. M'Dowell.
"	Montgomery,	Albert B. Herbert,	Nimrod E. Benson.
"	Lebanon,	Sampson Clayton,	Peter I. Walker.
ARKANSAS,	Batesville,	James H. Patterson,	C. F. M. Noland.
"	Little Rock,	William W. Adams,	C. P. Bertrand.
"	Washington,	William H. Etter,	B. F. Hempstead.
"	Fayetteville,	James H. Stirman,	Wm. Quesenbury,
"	Helena,	Henry F. Mooney,	William H. Ringo.
"	Clarksville,	John E. Manly,	William Goodrich.
"	Champagnolle,	William E. Powell,	J. S. H. Rainey.
FLORIDA,	Tallahassee,	H. R. W. Andrews,	John W. Argyle.
"	St. Augustine,	A. J. Noda,	Thomas T. Russell.
"	Newnansville,	L. Wilson,	S. F. Halliday.
ILLINOIS,	Shawneetown,	Andrew McCallen,	John W. Norton.
"	Kaskaskia,	Ferdinand Maxwell,	E. C. Coffey.
"	Edwardsville,	Matthew Gillespie,	B. Johnson.
"	Vandalia,	James M. Davis,	James T. B. Stapp.
"	Palestine,	James M. McLean,	Jesse K. Dubois.
"	Springfield,	Turner R. King,	Walter Davis.
"	Danville,	Daniel Clapp,	J. H. Murphy.
"	Quincy,	Henry Asbury,	Henry V. Sullivan.
"	Dixon,	Silas Noble,	Cyrus Aldrich.
"	Chicago,	Alfred Cowles,	John H. Kinzie.
INDIANA,*	Jeffersonville,	James Scott,	Saml. Merriwether.
"	Vincennes,	John C. Clarke,	Robert N. Carnan.
"	Indianapolis,	W. H. L. Noble,	John H. Thompson.
"	Crawfordsville,	W. S. Galey,	John Baird.
"	Winamac,	Daniel Sigler,	Rufus Hewett.

\* The Fort Wayne District abolished. Lands attached to Indianapolis District.



State.	Place.	Registers.	Receivers.
IOWA,	Dubuque,	Thomas McKnight,	Mordecai Mobley.
"	Fairfield,	F. Springer,	Wm. H. Wallace.
"	Iowa City,	Hugh D. Downey,	Easton Morris.
"	Chariton,	Wm. Gilliam,	Isaac Leffler.
"	Northern,	Geo. L. Nightingale,	Eliphalet Price.
"	Missouri River,	J. H. D. Street,	S. M. Ballard.
LOUISIANA,	New Orleans,	Charles Fitz,	Rosemond d'Armas.
"	Opelousas,	Evariste de Baillon,	Alphonse Lastrapes.
"	Ouachita,	H. O. McNery,	John H. Dinkgrave.
"	Greensburg,	A. Kent,	John Corkern.
"	Natchitoches,	Hugh Y. Waddell,	John Laplace.
MICHIGAN,	Detroit,	Lansing B. Mizner,	Ezra Rood.
"	Kalamazoo,	D. B. Webster,	John M. Edwards.
"	Genesee,	Cornelius Roosevelt,	George M. Dewey.
"	Ionia,	Lewis S. Lovell,	Stephen F. Page.
"	Sault Ste. Marie,	Richard Butler,	J. V. Brown.
MISSISSIPPI,	Washington,	Thom. W. Newman,	Wm. N. Whitehurst.
"	Augusta,	J. L. Allen,	A. R. Carter.
"	Jackson,	Austin Morgan,	Gideon Fitz.
"	Grenada,	William Hunley,	Septimas Caldwell.
"	Columbus,	William Dowsing,	George R. Clayton.
"	Pontotoc,	John T. Brooks,	James W. Drake.
MISSOURI,	St. Louis,	Alton Long,	Richard B. Dallam.
"	Fayette,	Samuel B. Todd,	Samuel C. Major.
"	Palmyra,	L. P. Halleck,	Robert H. Griffith.
"	Jackson,	G. W. Davis,	Ralph Guild.
"	Clinton,	Andrew M. Tutt,	Thomas Allen.
"	Springfield,	John Dade,	Marcus Boyd.
"	Plattsburg,	Thomas E. Birch,	John T. Hughes.
"	Milan,	Jacamiah Seaman,	Abner Gilstrap.
OHIO,	Chillicothe,	Anthony Walke,	Seneca W. Ely.
"	Defiance,	Abner Root,	William Sheffield.
WISCONSIN,	Mineral Point,	George H. Slaughter,	Chas. L. Stevenson.
"	Menasha,	A. Spaulding,	Edgar Conklin.
"	Milwaukee,	John F. Smith,	Chas. H. Williams.
"	Willow River,	Francis P. Catlin,	Moses S. Gibson.
MINNESOTA,	Stillwater,	Allen Pierse,	J. E. McKusick.

### *Surveyors-General of the Public Lands.*

Districts.	Names of Surveyors.	Residence.
Ohio, Indiana, and Michigan,	Charles Noble,	Detroit, Mich.
Illinois and Missouri,	Meriwether L. Clark,	St. Louis, Mo.
Louisiana,	Robert W. Boyd,	Donaldsonville.
Arkansas,	Lorenzo Gibson,	Little Rock.
Wisconsin and Iowa,	George B. Sargent,	Dubuque, Iowa.
Florida,	Benjamin A. Putnam,	St. Augustine.
California,	Samuel D. King,	San Francisco.
Oregon Territory,	John B. Preston,	Oregon City.

### *Recorder of Land Titles.*

Adolphe Renard, St. Louis, Mo. } J. W. Foster, }  
 and } for Michigan.

### *Geologists.*

J. D. Whitney, }  
 John Evans, for Oregon.

**REORGANIZATION OF THE INDIAN DEPARTMENT from and after the  
30th of June, 1851.**

[Corrected in Office of Indian Affairs, Aug. 20, 1852.]

*Superintendencies.*

Designation.	Name of Superintendent.	Amount of Bond.	Salary.
Northern Superintendency,	Elias Murray,	\$ 50,000	\$ 2,000
Central           "	David D. Mitchell,	50,000	2,000
Southern       "	John Drennen,	50,000	2,000
Minnesota     "	Alex. Ramsay, <i>ex Officio</i> .		

*Agents.*

Designation of Agency.	Tribes in each Agency.	Name of Agent.	Bond.	Salary.
Chickasaw Agency,	Chickasaws,	Andrew J. Smith,	\$20,000	\$ 1,500
Choctaw       "	Choctaws,	William Wilson,	20,000	1,500
Creek       "	Creeks,	Philip H. Raiford,	20,000	1,500
Cherokee     "	Cherokees,	George Butler,	20,000	1,500
Upper Platte   "	Indians, Upper Platte and Arkansas,	Thos. Fitzpatrick,	5,000	1,500
Pottawatomie   "	Pottawatomies and Kansas,	Francis W. Lea,	20,000	1,500
Sac and Fox   "	Sacs and Foxes, Ottawas, Silver Creek, and Black River Chippewas,	John R. Chenault,	20,000	1,500
Upper Missouri   "	Indians in the Upper Mis- souri,	James H. Norwood,	5,000	1,500
Winnebago     "	Winnebagoes and Menomo- nies,	Abram H. Fridley,	20,000	1,500
Chippewa     "	Chippewas of the Mississip- pi and Lake Superior,	John S. Watrous,	20,000	1,500
Mackinac     "	Indians in Michigan,	Wm. Sprague,	20,000	1,500
Neosha       "	Osages, Quapaws, Senecas, and Shawnees and Senecas,	Wm. J. J. Morrow,	10,000	1,000
Osage River   "	Weas, Piankeshaws, Kas- kaskias, Peorias, and Mia- mies,	Asbury M. Coffey,	10,000	1,000
Kansas       "	Shawnees, Delawares, Man- sees, Stockbridges, and Wyandots and Christian Indians,	Thos. Mosely, Jr.,	10,000	1,000
Great Nemaha   "	Kickapoos, Iowas, and Sacs and Foxes of the Missouri,	W. P. Richardson,	10,000	1,000
Council Bluffs   "	Ottoes, Missouriias, Omahas, and Pawnees,	John E. Barrow,	5,000	1,000
Saint Peters,   "	Sioux of the Mississippi,	Nath. McLean,	10,000	1,000

George Thomas Howard, Jesse Stem, and Horace Capron are appointed Commissioners to Negotiate Treaties, and are Special Agents for Indians in Texas. Their bonds are \$ 5,000 each, and their salary \$ 1,700 per annum.

*New Mexico.*

**William C. Lane, Governor and *ex Officio* Superintendent of Indian  
Affairs.**

Agents.	Salary.	Bond.	Agents.	Salary.	Bond.
Edw. H. Wingfield,	\$ 1,550	\$ 5,000	Spruce M. Baird,	\$ 1,550	\$ 5,000
Michael Steck,	1,550	5,000	John Greiner,	1,550	5,000

## Utah.

Brigham Young, *Governor and ex Officio Superintendent of Indian Affairs.*Jacob H. Holeman, *Agent*, Salary \$ 1,550 Bond \$ 5,000

Stephen B. Rose, " " 750 " 2,000

## California.

Edward F. Beale, *Superintendent of Ind. Affairs*, Salary \$ 4,000 Bond \$ 20,000Redick McKee, *Agent*, " 3,000 " 5,000

Benj. D. Wilson, " " 3,000 " 5,000

Samuel Sheldon, " " 3,000 " 5,000

## Oregon Territory.

Anson Dart, *Superintendent of Ind. Affairs*, Salary \$ 2,500 Bond \$ 20,000Alonzo A. Skinner, *Agent*, " 1,500 " 5,000

Elkanah Walker, " " 1,500 " 5,000

E. A. Starling, " " 1,500 " 5,000

Josiah L. Parish, *Sub-agent*, " 750 " 3,000*Sub-agents East of Rocky Mountains and North of New Mexico and Texas.*Stephen Osborn, *Sub-agent of Indians in New York*, \$ 5,000Geo. W. Lawe, " *at Green Bay*, 10,000

## ARMY PENSION-AGENTS in Office August 30, 1852.

Name.	Place.	Name.	Place.
Wm. E. Woodruff,	Little Rock, Ark.	P. M. Irving,	New York, N. Y.
W. P. Denckla,	Fort Gibson, Ark.	Thos. W. Olcott,	Albany, N. Y.
Wm. H. Moore,	Huntsville, Ala.	J. F. E. Hardy,	Ashville, N. C.
Jas. H. Dearing,	Tuscaloosa, "	James Huske,	Fayetteville, N. C.
James Perrine,	Mobile, "	Phil. Dickinson,	Trenton, N. J.
Charles Boswell,	Hartford, Ct.	James Hall,	Cincinnati, Ohio.
Jacob Aldrichs,	Wilmington, Del.	John Barr,	Cleveland, Ohio.
Arthur M. Reed,	Jacksonville, Fl.	E. C. Dale,	Philadelphia, Pa.
Francis H. Flagg,	Tallahassee, "	Wm. J. Howard,	Pittsburg, Pa.
James S. Morel,	Savannah, Ga.	Paris Hill,	Providence, R. I.
J. W. Chapman,	Madison, Ind.	John C. Cochran,	Charleston, S. C.
Thos. Danforth,	New Albany, Ind.	C. C. Abernathy,	Pulaski, Tenn.
Morris S. Johnson,	Evansville, Ind.	J. S. H. Tomlin,	Jackson, "
Wm. S. Wallace,	Springfield, Ill.	Wm. K. Blair,	Jonesboro', "
F. E. Bissell,	Iowa, Ill.	John Cocke, Jr.,	Knoxville, "
Wm. R. Vance,	Louisville, Ky.	Joel M. Smith,	Nashville, "
Leon Chabert,	New Orleans, La.	Thomas Reed,	Montpelier, Vt.
Wm. Woodbury,	Portland, Me.	John H. Peck,	Burlington, Vt.
Wm. C. Anderson,	St. Louis, Mo.	F. M. Lawson,	Richmond, Va.
E. P. Hastings,	Detroit, Mich.	G. S. Thompson,	Wheeling, "
Franklin Haven,	Boston, Mass.	E. P. Hastings,	Detroit, Mich.
James Swan,	Baltimore, Md.	Paraclete Potter,	Milwaukee, Wisc.
D. N. Barrows,	Jackson, Miss.	R. W. Latham,	Washington, D. C.
John Kelly,	Portsmouth, N. H.	Archibald McKinlay,	Oregon City.
Israel W. Kelly,	Concord, N. H.		

## NAVY PENSION-AGENTS in Office August 30, 1852.

Name.	Place.	Name.	Place.
Wm. Woodbury,	Portland, Me.	W. Hindman,	Baltimore, Md.
Charles H. Ladd,	Portsmouth, N.H.	F. Mallory,	Norfolk, Va.
Isaac P. Davis,	Boston, Mass.	B. D. Heriot,	Charleston, S. C.
Paris Hill,	Providence, R. I.	B. D. Wright,	Pensacola, Fl.
C. Boswell,	Hartford, Ct.	Wm R. Vance,	Louisville, Ky.
W. H. Le Roy,	N. York, N. Y.	James Hall,	Cincinnati, O.
P. Dickinson,	Trenton, N. J.	E. P. Hastings,	Detroit, Mich.
W. Sloanaker,	Philadelphia, Pa.	W. C. Anderson,	St. Louis, Mo.
Wm. J. Howard,	Pittsburg, Pa.	R. W. Latham,	Washington, D.C
Jacob Aldrichs,	Wilmington, Del.		

## III. ARMY LIST. ||

1. WINFIELD SCOTT, *Major-General*, (commissioned June 25, 1841,) *General-in-Chief*. Head-quarters at Washington.\*John E. Wool, *Brigadier-General*, commissioned June 25, 1841.

\*David E. Twiggs, " " June 30, 1846.

Samuel Cooper, *Col. and Adjutant-Gen.*, " July 15, 1852.†Sylvester Churchill, *Col. and Inspector-Gen.*, " June 25, 1841.G. A. McCall, *Col. and Inspector-Gen.*, " June 10, 1850.\*Thomas S. Jesup, *Brig.-Gen. and Quarter-master-General*, " May 8, 1818.\*George Gibson, *Col. and Commissary-Gen.*, " April 18, 1818.†Thomas Lawson, *Col. and Surgeon-Gen.*, " Nov. 30, 1836.\*Nathan Towson, *Col. and Paymaster-Gen.*, " May 8, 1822.†Col. Joseph G. Totten, *Chief Engineer*, " Dec. 7, 1838.Col. J. J. Abert, *Chief Topographical Engineer*, " July 7, 1838.Col. Henry K. Craig, *Chief of Ordnance*, " July 10, 1851.Brevet-Major J. F. Lee, *Judge Advocate*, " Mar. 2, 1849.

## 2. FIELD OFFICERS OF THE CORPS OF ENGINEERS, TOPOGRAPHICAL ENGINEERS, AND ORDNANCE, AND OF REGIMENTS.

*Engineers.*

†Col. Joseph G. Totten,

†Lieut.-Col. Sylvanus Thayer,

" R. E. De Russy,

†Major John L. Smith,

" William H. Chase,

" Richard Delafield,

" Cornelius A. Ogden.

*Topographical Engineers.*

Col. John J. Abert,

Lieut.-Col. James Kearney,

§ Major Stephen H. Long,

" Hartman Bache,

§ " James D. Graham,

† " William Turnbull.

|| We are greatly indebted to the Adjutant-General for correcting this List to Oct. 1, 1852.

\* Maj.-Gen. by brevet. † Brig.-Gen. by brevet. † Col. by brevet. § Lieut.-Col. by brevet.

*Ordnance Department.*

Col. Henry K. Craig,  
 Lieut.-Col. Rufus L. Baker,  
 § Major James W. Ripley,  
 " John Symington,  
 " William H. Bell,  
 " Edward Harding.

*First Dragoons.*

Col. T. T. Fauntleroy,  
 † Lieut.-Col. E. V. Sumner,  
 § Major Benjamin L. Beall,  
 " G. A. H. Blake.

*Second Dragoons.*

† Col. William S. Harney,  
 Lieut.-Col. Nathan Boone,  
 § Major Philip St. G. Cooke,  
 " Marshall S. Howe.

*Mounted Riflemen.*

\* Col. Persifer F. Smith,  
 † Lieut.-Col. W. W. Loring,  
 Major W. F. Sanderson,  
 " Geo. B. Crittenden.

*First Artillery.*

Col. I. B. Crane,  
 † Lieut.-Col. J. L. Gardner,  
 † " Thomas Childs,  
 † " Justin Dimick.

*Second Artillery.*

† Col. James Bankhead,  
 Lieut.-Col. John Erving,  
 † Major John Munroe,  
 † " Harvey Brown.

*Third Artillery.*

Col. William Gates,  
 † Lieut.-Col. F. S. Belton,  
 § Major John M. Washington,  
 " Charles S. Merchant.

*Fourth Artillery.*

† Col. J. B. Walbach,  
 † Lieut.-Col. M. M. Payne,  
 Major Giles Porter,  
 § " L. B. Webster,

*First Infantry.*

\* Col. B. Riley,  
 Lieut.-Col. Henry Bainbridge,  
 Major Edgar S. Hawkins,  
 § " Thompson Morris.

*Second Infantry.*

† Col. E. A. Hitchcock,  
 Lieut.-Col. J. J. Abercrombie,  
 Major Albert S. Miller.  
 Vacant.

*Third Infantry.*

Col. Thomas Staniford,  
 Lieut.-Col. Dixon S. Miles,  
 Major Electus Backus,  
 " Gouverneur Morris.

*Fourth Infantry.*

Col. William Whistler,  
 Lieut.-Col. B. L. E. Bonneville,  
 † Major George Wright,  
 " Gabriel J. Rains.

*Fifth Infantry.*

Col. Gustavus Loomis,  
 † Lieut.-Col. Carlos A. Waite,  
 Major T. P. Gwynne,  
 Vacant.

*Sixth Infantry.*

† Col. Newman S. Clarke,  
 † Lieut.-Col. Francis Lee,  
 Major J. J. B. Kingsbury.  
 § " William Hoffman.

*Seventh Infantry.*

Col. Henry Wilson,  
 † Lieut.-Col. Joseph Plympton,  
 Major George Andrews,  
 § " Joseph R. Smith.

*Eighth Infantry.*

† Col. John Garland,  
 Lieut.-Col. W. Seawell,  
 Major Pitcairn Morrison,  
 § " Edmund B. Alexander.

### 3. MILITARY GEOGRAPHICAL DIVISIONS.

The *Eastern Division*, composed of the 1st, 2d, 3d, and 4th Military Departments, comprises the following States:— Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, North Carolina, South Carolina, and Georgia; and the portion of Florida and Wisconsin east of a line drawn from Fond du Lac, Lake Superior, to Cape Sable, Florida.

The *Western Division*, composed of the 5th, 6th, 7th, 8th, and 9th Military Departments, is situated within the following limits:—

The country west of the line from Fond du Lac, Lake Superior, to Cape Sable (except Oregon and California), embracing the part of Wisconsin west of said line; Minnesota; the States of Iowa, Illinois, Missouri, Kentucky, Tennessee, Arkansas, Louisiana, Mississippi, Alabama, and Texas; the part of Florida west of said line; the Indian country west of the Mississippi River; and the Territory of New Mexico.

The *Pacific Division*, composed of the 10th and 11th Military Departments, comprises the State of California and the Territory of Oregon.

The Head-quarters of the Army are in the city of Washington.

The Head-quarters of the Eastern Division are at Troy, N. Y.

The Head-quarters of the Western Division are at New Orleans, La.

The Head-quarters of the Pacific Division are at San Francisco, Cal.

### 4. MILITARY GEOGRAPHICAL DEPARTMENTS.

No. 1. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. Head-quarters at Fort Adams, R. I.

No. 2. Michigan, Wisconsin (east of the line from Fond du Lac to Cape Sable), Ohio, and Indiana. Command suspended.

No. 3. New York, New Jersey, Pennsylvania, Delaware, and Maryland. Head-quarters at Baltimore, Md.

No. 4. Virginia, North Carolina, South Carolina, Georgia, and that part of Florida lying within the Eastern Division. Head-quarters at Fort Monroe, Va.

No. 5. The portion of Florida within the Western Division, the States of Alabama, Louisiana, Mississippi, Tennessee, and Kentucky. Head-quarters at Fort Brooke, Florida.

No. 6. Wisconsin (west of the line from Fond du Lac to Cape Sable), Minnesota, Iowa, Illinois, and Missouri above the 37th degree of north latitude. Head-quarters at Jefferson Barracks, Mo.

No. 7. The country west of the Mississippi, south of the 37th degree of north latitude, north of Louisiana and Texas, and east of Department No. 9. Head-quarters at Fort Smith, Arkansas.

No. 8. That part of Texas lying south and east of a line drawn from a point on the Rio Grande opposite the southernmost limit of the island south of El Paso, containing the towns of San Elizario, Socorro, and Isleta, to the junction of the *Ensenada Choctaw* (Choctaw Creek) with the Colorado or Red River, and down said river to the western boundary of Arkansas. Head-quarters at San Antonio, Texas.

No. 9. New Mexico, and the territory north and west of the aforesaid line from the Rio Grande to and down the Colorado or Red River, formerly claimed as a part of New Mexico. Head-quarters at Fort Union, N. Mex.

No. 10. The State of California. } Command merged in that of Pacific  
No. 11. The Territory of Oregon. } Division.

## 5. ARSENALS.

Posts.	State or Territory	Post-Office.	Permanent Commanders.	Regiment and Corps.
Kennebec,	Maine,	Augusta,	Bvt. Capt. F. D. Callender,	Ordnance.
Watertown,	Massachusetts,	Watertown,	Maj. Edw. Harding,	Ordnance.
Watervliet,	New York,	West Troy,	Maj. John Symington,	Ordnance.
New York,	New York,	New York,	Bvt. Maj. W. A. Thornton,	Ordnance.
Allegheny,	Pennsylvania,	Pittsburg,	Maj. W. H. Bell,	Ordnance.
Frankford,	"	Bridenburg,	Bvt. Maj. P. V. Hagner,	Ordnance.
Pikesville,	Maryland,	Pikesville,	Capt. L. A. B. Walbach,	Ordnance.
Washington,	Dist. of Columbia,	Washington,	Bvt. Maj. A. Mordecai,	Ordnance.
Fort Monroe,	Virginia,	Old P. Comfort,	Bvt. Maj. G. D. Ramsay,	Ordnance.
Augusta,	Georgia,	Augusta,	Bvt. Maj. G. H. Talcott,	Ordnance.
St. Louis,	Missouri,	St. Louis,	Capt. R. H. K. Whiteley,	Ordnance.
Baton Rouge,	Louisiana,	Baton Rouge,	Capt. J. M. Morgan,	Ordnance.
Mount Vernon,	Alabama,	Mount Vernon,	1st Lt. A. H. Dearborn,	Ordnance.
Detroit,	Michigan,	Dearbornville,	1st Lt. R. A. Wainright,	Ordnance.
North Carolina,	North Carolina,	Fayetteville,	Bvt. Capt. A. B. Dyer,	Ordnance.
Charleston,	South Carolina,	Charleston,	Capt. J. A. J. Bradford,	Ordnance.
Little Rock,	Arkansas,	Little Rock,	1st Lt. C. P. Kingsbury,	Ordnance.
San Antonio,	Texas,	San Antonio,	1st Lt. John McNutt,	Ordnance.
Benicia,	California,	Benicia,	Bvt. Capt. C. P. Stone,	Ordnance.

There is a national army at Springfield, Mass., Bvt. Lt.-Col. J. W. Ripley, Commander, and one at Harper's Ferry, Va., Bvt. Col. B. Huger, Commander. The Champlain Arsenal and Ordnance Depot at Vergennes, Vt.; The Rome, at Rome, N. Y.; The Apalachicola, at Chattahoochee, Fla.; The St. Augustine, at St. Augustine, Fla.; and the Santa Fé, at Santa Fé, New Mexico, are under charge of military store-keepers. The Bellona Arsenal is not used at present. An Ordnance Sergeant is at the post in charge of the buildings and grounds.

## 6. MILITARY POSTS.\*

Posts.	State or Territory.	Post-Office.	Permanent Commanders.	Garrison.
<b>EASTERN DIVISION.</b>				
<i>Department No. 1.</i>				
Fort Sullivan,	Maine,	Eastport,	Bvt. Lt.-Col. M. Burke,	3d artillery.
Fort Preble,	"	Portland,	Bvt. Maj. R. Anderson,	3d artillery.
Fort Constitution,	N. Hampshire,	Portsmouth,	Bvt. Lieut.-Col. J. M. Washington,	3d artillery.
Fort Independence,	Massachusetts,	Boston,	Bvt. Maj. F. O. Wyse,	3d artillery.
Fort Warren,	"	"	Not garrisoned.	
Fort Adams,	Rhode Island,	Newport,	Col. W. Gates,	3d artillery.
Fort Wolcott,	Connecticut,	New London,	Bvt. Col. F. S. Belton,	3d artillery.
Fort Trumbull,	"	"	"	
<i>Department No. 2.</i>				
Fort Brady,	Michigan,	Sault S. Marie,	Bvt. Capt. G. W. Getty,	4th artillery.
Fort Mackinac,	"	Mackinac,	Bvt. Maj. T. Williams,	4th artillery.
Fort Gratiot,	"	Fort Gratiot,	Not garrisoned.	
<i>Department No. 3.</i>				
Fort Niagara,	New York,	Youngstown,	Capt. J. P. McCown,	4th artillery.
Fort Ontario,	"	Oswego,	Bvt. Maj. S. C. Ridgely,	4th artillery.
Madison Barracks,	"	Sacket's Harb.,	Not garrisoned.	
Plattsburg Barracks,	"	Plattsburg,	"	
West Point,	"	West Point,	Bvt. Col. R. E. Lee,	Engineers.
Fort Columbus,	"	New York,	Bvt. Col. M. M. Payne,	4th artillery.
Fort Wood,	New York Har-	"	Bvt. Maj. J. T. Sprague,	General Depot.
Fort Hamilton,	bor, N. Y.	F. Hamilton,	Bvt. Maj. W. W. Morris,	4th artillery.
Fort Lafayette,	"	"	Garrison temporarily withdrawn.	
Fort Mifflin,	Pennsylvania,	Philadelphia,	Capt. Jos. Roberts,	4th artillery.
Carlisle Barracks,	"	Carlisle,	Bvt. Maj. C. F. Ruff,	Cavalry Depot.
Fort McHenry,	Maryland,	Baltimore,	Bvt. Lt.-Col. F. Taylor,	1st artillery.
Fort Washington,	"	F. Washington,	Bvt. Maj. John B. Scott,	4th artillery.
<i>Department No. 4.</i>				
Fort Monroe,	Virginia,	O. P. Comfort,	Bvt. Brig. Gen. J. Bankhead,	2d artillery.
Fort Johnson,	North Carolina,	Smithville,	Garrison temporarily withdrawn.	
Fort Caswell,	"	Beaufort,	"	"
Fort Macon,	"	"	"	"

\* Ten companies of the 4th Infantry are on the Pacific Coast.





Posts.	State or Territory.	Post-Offices.	Permanent Commanders.	Garrison.
Fort Defiance, Nava- jo Country, Fort Webster, Camp Vigilance, near Albuquerque, Fort Massachusetts, THIRD, OR PACIFIC DIVISION.	New Mexico,	Via Fort Leaven- worth, Mo.,	Major E. Backus, Maj. G. Morris, Bvt. Maj. O. L. Shepherd, Maj. G. A. H. Blake,	2 art. & 3 inf. 2 drag. & 3 inf. 1st & 2d drag., and 3d inf. 1 drag. & 3. inf.
Department No. 10. Benicia, Presidio of S. Francisco, Monterey Redoubt, Camp Miller, Rancho del Chino, San Diego, Mission of, San Luis Rey, Camp Yuma, Fort Reading, Department No. 11. Steilacoom, Puget's Sound, Columbia Barracks, Fort Orford, Dalles of Columbia,	California, " " " " " " " " " " Oregon, " " "	Benicia, San Francisco, Monterey, Stockton, San Diego, " Via San Diego, " Cottonwood, Nesqually, Vancouver, Port Orford, Via Columbia Bks.,	Maj. A. S. Miller, Maj. C. S. Merchant, Capt. H. S. Burton, Bvt. Maj. G. W. Fatten, Capt. C. S. Lovell, Bvt. Lt.-Col. J. B. Magruder, 2d Lt. A. J. Slemmer, Bvt. Maj. S. P. Heintzelman, 1st Lt. N. H. Davis, Capt. B. H. Hill, Bvt. Maj. J. S. Hatheway, H. W. Stanton, 1st Lt. J. J. Woods,	2d infantry. 3d artillery. 3d artillery. 2d infantry. 2d infantry. 1st artillery. 1st artillery. 2d infantry. 2d infantry. 1st artillery. 1st artillery. 1st dragoons. 1st artillery.

NOTE. The commanding officers of the posts above named are entitled to double rations when the garrison consists of not less than *one company*.

## 7. MILITIA FORCE OF THE UNITED STATES.

*Abstract of the United States Militia, from the Army Register for 1852.*

States and Territories.*	For what year.	General Officers.	General Staff Officers.	Field Officers, &c.	Company Officers.	Total Commissioned Officers.	Non-commissioned Officers, Musicians, Artificers, & Priv.	Aggregate.
Maine,	1851	12	18	24	129	183	62,350	62,533
N. Hampshire,	1851	12	51	336	949	1,343	30,803	32,151
Massachusetts,	1851	10	35	112	392	549	119,141	119,690
Vermont,	1843	12	51	224	801	1,038	22,827	23,915
Rhode Island,	1851	6	22	29	21	78	14,365	14,443
Connecticut,	1851	3	13	71	359	456	51,193	51,649
New York,	1851	99	315	1,543	5,705	7,662	257,631	265,293
New Jersey,	1829	19	58	435	1,476	1,968	37,193	39,171
Pennsylvania,	1847	55	164	1,245	6,054	7,518	263,552	276,070
Delaware,	1827	4	8	71	361	447	8,782	9,229
Maryland,	1838	22	68	544	1,763	2,397	44,467	46,864
Virginia,	1851	32	66	1,423	4,973	6,494	118,634	125,128
North Carolina,	1845	28	133	657	3,449	4,267	75,181	79,448
South Carolina,	1843	19	96	452	2,024	2,591	52,618	55,209
Georgia,	1850	39	91	624	4,296	5,050	73,649	78,699
Florida,	1845	3	14	95	508	620	11,502	12,122
Alabama,	1851	32	142	775	1,833	2,332	73,630	76,662
Louisiana,	1847	10	55	159	1,168	1,392	42,431	43,823
Mississippi,	1838	15	70	392	348	825	35,259	36,084
Tennessee,	1840	25	79	859	2,644	3,607	67,645	71,252
Kentucky,	1851	43	145	1,158	3,459	4,805	77,035	81,840
Ohio,	1845	91	217	462	1,281	2,051	174,404	176,455
Michigan,	1850	30	154	401	2,203	2,793	61,145	64,178
Indiana,	1832	31	110	566	2,154	2,861	51,052	53,913
Illinois,	1851	30	99	1,297	3,192	4,618	165,741	170,359
Wisconsin,	1848	9	31	212	1,552	1,804	30,399	32,203
Missouri,	1844	45	94	790	2,990	3,919	57,081	61,000
Arkansas,	1843	8	29	310	762	1,109	16,028	17,137
Texas,	1847	15	45	243	940	1,248	18,518	19,766
Minnesota Ter.,	1851	2	5			7	1,996	2,003
Utah Ter.,	1851	3	8	38	168	217	2,358	2,575
D. of Columbia.	1832	1	3	24	63	96	1,153	1,249
Total,		765	2,489	15,576	58,190	76,920	2,124,963	2,202,113

\* No returns from Iowa, California, Oregon, and New Mexico.

## 8. TABLE OF PAY, SUBSISTENCE, FORAGE, ETC. OF ARMY OFFICERS.

RANK AND CLASSIFICATION OF OFFICERS.	PAY.	SUBSISTENCE.		FORAGE.		SERVANTS.		Total Monthly Pay.
		20 cents for each Ration.		\$8 p. mo. for each Horse.		Pay, &c. of a Private.		
	Per Month.	No. of Rations.	Monthly Com- mutation value.	No. of Horses.	Monthly Com- mutation value.	No. of Servants.	Monthly Com- mutation value.	
Major-General,	\$200.00	15	30	3	24	4	32.00	\$376.00
Senior Aid-de-camp to General-in-chief,	60.00	4	24	3	24	2	33.00	141.00
Aid-de-camp, besides pay of Lieutenant,	24.00	1	6	1	8			38.00
Brigadier-General,	104.00	12	72	3	24	3	46.50	246.50
Aide-de-camp, besides pay of Lieutenant,	20.00			1	8			28.50
Adjutant-General, — Colonel,	90.00	6	36	3	24	2	33.00	183.00
Assistant Adj.-General, — Lieut.-Colonel,	75.00	5	30	3	24	2	33.00	162.00
“ “ Major,	60.00	4	24	3	24	2	33.00	141.00
“ “ Captain,	50.00	4	24	1	8	1	16.50	98.50
Judge-Advocate, — Major,	60.00	4	24	3	24	2	33.00	141.00
Inspector-General, — Colonel,	90.00	6	36	3	24	2	33.00	183.00
Quartermaster-General, — Brig.-General,	104.00	2	72	3	24	3	46.50	246.50
Assistant Quarterm.-Gen., — Colonel,	90.00	6	36	3	24	2	33.00	183.00
Deputy Quarterm.-Gen., — Lieut.-Colonel,	75.00	5	30	3	24	2	33.00	162.00
Quartermaster, — Major,	60.00	4	24	3	24	2	33.00	141.00
Assistant Quartermaster, — Captain,	50.00	4	24	1	8	1	16.50	98.50
Commissary-Gen. of Subsistence, — Col.,	90.00	6	36	3	24	2	33.00	183.00
Assist. Commissary-Gen., — Lieut.-Col.,	75.00	5	30	3	24	2	33.00	162.00
Commissary of Subsistence, — Major,	60.00	4	24	3	24	2	33.00	141.00
“ “ Captain,	50.00	4	24	1	8	1	16.50	98.50
Assistant Comm'y, besides pay of Lieut.,	20.00							20.00
Paymaster-General, \$2,500 per annum,								208.33
Deputy Paymaster-General,	75.00	5	30	3	24	2	33.00	162.00
Paymaster,	60.00	4	24	1	8	2	33.00	125.00
Surgeon-General, \$2,500 per annum,								208.33
Surgeons of 10 years' service,	60.00	8	48	1	8	2	33.00	149.00
Surgeons of less than 10 years' service,	60.00	4	24	1	8	2	33.00	125.00
Assistant Surgeons of 10 years' service,	50.00	8	48	1	8	1	16.50	122.50
“ “ of 5 years' service,	50.00	4	24	1	8	1	16.50	98.50
Assist. Surg. of less than 5 years' service,	33.33	4	24	1	8	1	16.50	81.83
ENGINEERS, — TOPOG. ENGINEERS, — ORDNANCE DEPARTMENT.								
Colonel,	90.00	6	36	3	24	2	33.00	183.00
Lieutenant-Colonel,	75.00	5	30	3	24	2	33.00	162.00
Major,	60.00	4	24	3	24	2	33.00	141.00
Captain,	50.00	4	24	1	8	1	16.50	98.50
First Lieutenant,	33.33	4	24	1	8	1	16.50	81.83
Second Lieutenant,	33.33	4	24	1	8	1	16.50	81.83
MOUNTED DRAGOONS AND RIFLEMEN.								
Colonel,	90.00	6	36	3	24	2	33.00	183.00
Lieutenant-Colonel,	75.00	5	30	3	24	2	33.00	162.00
Major,	60.00	4	24	3	24	2	33.00	141.00
Captain,	50.00	4	24	2	16	1	16.50	106.50
First Lieutenant,	33.33	4	24	2	16	1	16.50	89.83
Second Lieutenant,	33.33	4	24	2	16	1	16.50	89.83
Adj. & Reg. Q'r'm'r, besides pay of Lieut.,	10.00							10.00
ARTILLERY AND INFANTRY.								
Colonel,	75.00	6	36	3	24	2	31.00	166.00
Lieutenant-Colonel,	60.00	5	30	3	24	2	31.00	145.00
Major,	50.00	4	24	3	24	2	31.00	129.00
Captain,	40.00	4	24			1	15.50	79.50
First Lieutenant,	30.00	4	24			1	15.50	69.50
Second Lieutenant,	25.00	4	24			1	15.50	64.50
Adj. and Reg. Q'r'm'r, besides pay of Lieut.,	10.00			1	8			18.00

On the 1st of January, 1852, the whole number of commissioned officers in the regular army was 896; that of non-commissioned officers, musicians, artificers, and privates, 9,233; total, 10,129.

## IV. NAVY LIST.\*

## 1. COMMANDERS OF SQUADRONS.

John T. Newton,	<i>Commodore,</i>	Home Squadron.
Isaac McKeever,	"	Coast of Brazil.
Charles S. McCauley,	"	Pacific Ocean.
Silas H. Stringham,	"	Mediterranean.
E. A. F. Lavallette,	"	Coast of Africa.
Matthew C. Perry,	"	East Indies.

## 2. COMMANDERS OF NAVY YARDS.

Joseph Smoot,	Portsmouth.	Henry E. Ballard,	Washington.
F. H. Gregory,	Boston.	S. L. Breese,	Norfolk.
Charles Boorman,	New York.	Josiah Tattnall,	Pensacola.
George C. Read,	Philadelphia.	William C. Nicholson,	Memphis.

## 3. NAVAL ASYLUM.

David Geisinger,	<i>Governor,</i>	Philadelphia.
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## 4. NAVAL ACADEMY.

Cornelius K. Stribling,	<i>Superintendent,</i>	Annapolis, Md.
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## 5. OFFICERS OF THE NAVY.

*Captains. — 68.*

Charles Stewart.	John T. Newton.	Bladen Dulany.	Charles Gauntt.
Charles Morris.	Joseph Smith.	S. H. Stringham.	William Ramsay.
John Downes.	Lawrence Rousseau.	Isaac Mayo.	Henry Henry.
Stephen Cassin.	George W. Storer.	William Mervine.	Samuel W. Downing.
George C. Read.	F. H. Gregory.	Thomas Crabbe.	Henry W. Ogden.
H. E. Ballard.	Philip F. Voorhees.	Thomas Paine.	Thomas A. Conover.
Jesse Wilkinson.	David Geisinger.	James Armstrong.	John C. Long.
T. Ap C. Jones.	Isaac McKeever.	Joseph Smoot.	John H. Graham.
W. B. Shubrick.	J. P. Zantzinger.	Samuel L. Breese.	James Mc. McIntosh.
Charles W. Morgan.	William D. Salter.	Benjamin Page.	Josiah Tattnall.
Lawrence Kearny.	Charles S. McCauley.	Thomas W. Wyman.	Hugh N. Page.
Foxhall A. Parker.	T. M. Newell.	W. K. Latimer.	William Inman.
E. R. McCall.	E. A. F. Lavallette.	Hiram Paulding.	Stephen Champlin.
David Conner.	T. T. Webb.	Uriah P. Levy.	Joel Abbot.
John D. Sloat.	John Percival.	Charles Boorman.	Lewis E. Simonds.
Matthew C. Perry.	John H. Aulick.	French Forrest.	Harrison H. Cocke.
C. W. Skinner.	W. V. Taylor.	William Jamesson.	William J. McCluney.

*Commanders. — 97.*

John M. Dale.	Frederick Varnum.	James B. Cooper.	John Kelly.
John B. Montgomery.	Joseph R. Jarvis.	Ed. W. Carpenter.	William H. Gardner.
Horace B. Sawyer.	Saml. W. Le Compte.	John L. Saunders.	David G. Farragut.
Cornelius K. Stribling.	Charles T. Platt.	Joseph B. Hull.	Richard S. Pinckney.
Joshua R. Sands.	Wm. M. Armstrong.	John Stone Paine.	Stephen B. Wilson.
John J. Young.	William F. Shields.	Joseph Morehead.	T. Aloysius Dornin.
Charles H. Bell.	G. J. Pendergrast.	Thomas Pettigru.	Rob. B. Cunningham.
Abraham Bigelow.	William C. Nicholson.	John S. Chauncey.	James Glynn.

\* Corrected in the Navy Department to October 15, 1862.

Joseph Myers.  
Thomas R. Gedney.  
Victor M. Randolph.  
Frederick Engle.  
John Rudl.  
Robert Ritchie.  
William W. McKean.  
Franklin Buchanan.  
Samuel Mercer.  
Charles Lowndes.  
L. M. Goldsborough.  
George N. Hollins.  
Duncan N. Ingraham.  
John Marston.  
Henry Bruce.  
Henry A. Adams.  
William S. Walker.

George F. Pearson.  
James T. Gerry.  
John S. Nicholas.  
Samuel F. Du Pont.  
William L. Hudson.  
George A. Magruder.  
John Pope.  
Levin M. Powell.  
Charles Wilkes.  
Elisha Peck.  
Thomas J. Manning.  
William Pearson.  
William L. Howard.  
Thomas O. Selfridge.  
Henry Eagle.  
Andrew K. Long.

G. J. Van Brunt.  
William M. Glendy.  
George P. Upshur.  
George S. Blake.  
Z. F. Johnston.  
William Green.  
Samuel Barron.  
Timothy G. Benham.  
A. G. Slaughter.  
Oscar Bullus.  
Charles H. Jackson.  
Andrew A. Harwood.  
Theodorus Bailey.  
Hugh Y. Purviance.  
George Adams.  
Cadwalader Ringgold.

Wm. F. Lynch.  
Henry W. Morris.  
Isaac S. Sterett.  
Francis B. Ellison.  
Edw. B. Boutwell.  
Sidney Smith Lee.  
Wm. C. Whittle.  
Thompson D. Shaw.  
Robert D. Thorburn.  
Samuel Lockwood.  
Lloyd B. Newell.  
William S. Ogden.  
Frederick A. Neville.  
Charles C. Turner.  
John Manning.  
James L. Lardner.

### 6. PAY OF THE NAVY, *per annum.*

	Pay.		Pay.
CAPTAINS, 68, the senior one in service,	\$ 4,500	ASSISTANT SURGEONS, at sea,	\$ 950
“ “ “ on leave,	3,500	“ “ after passing,	1,200
Captains of squadrons,	4,000	“ “ at navy yards,	950
Other captains on duty,	3,500	“ “ after passing,	1,150
“ “ on leave,	2,500	PURSEERS, 64, from	\$1,500 to 3,500
COMMANDERS, 97, in sea service,	2,500	CHAPLAINS, 24, in sea service, or at	
“ “ at navy yards, or on		“ “ navy-yards,	1,500
“ “ other duty,	2,100	“ “ on leave, &c.,	1,000
“ “ on leave, &c.,	1,800	PROFESSORS of Mathematics, 12,	1,500
LIEUTENANTS, 325, commanding,	1,800	MASTERS in the line of promotion, 12,	
“ “ on other duty,	1,500	PASSED MIDSHIPMEN, 205, on duty,	750
“ “ waiting orders,	1,200	“ “ waiting orders,	600
SURGEONS, 69, 1st 5 years in com.,	1,000	MIDSHIPMEN, 202, in sea service,	400
“ “ in navy yards, &c.,	1,250	“ “ on other duty,	350
“ “ in sea service,	1,333	“ “ on leave, &c.,	300
“ “ of the fleet,	1,500	MASTERS, 19, of ship of the line at sea,	1,100
“ “ 2d 5 years, on leave,	1,200	“ “ on other duty,	1,000
“ “ at navy yards, &c.,	1,500	“ “ on leave, &c.,	750
“ “ in sea service,	1,600	SECOND MASTER, 1, in sea service,	750
“ “ of the fleet,	1,800	“ “ on other duty,	500
“ “ 3d 5 years, on leave,	1,400	“ “ on leave,	400
“ “ at navy yards, &c.,	1,750	MASTER'S MATES, 3, on duty,	450
“ “ in sea service,	1,866	“ “ on leave,	300
“ “ of the fleet,	2,100	BOATSWAINS, 41	} of a ship of the line, } and at certain yards, }
“ “ 4th 5 years, on leave,	1,600	GUNNERS, 45	
“ “ at navy yards, &c.,	2,000	CARPENTERS, 45	} on other duty, } on leave, 1st 10 years, }
“ “ in sea service,	2,133	SAILMAKERS, 38	
“ “ of the fleet,	2,400	CHIEF ENGINEERS, 10, on duty, 1st 5 years,	1,500
“ “ 20 years and upwards,		“ “ “ after 5 years,	2,000
“ “ on leave,	1,800	“ “ on leave, 1st 5 years,	1,200
“ “ at navy yards, &c.	2,250	“ “ “ after 5 years,	1,400
“ “ in sea service,	2,400	1ST ASSISTANT ENGINEERS, 19, on duty,	1,000
“ “ of the fleet,	2,700	“ “ “ on leave,	850
PASSED ASSISTANT SURGEONS, 34,		2D ASSISTANT ENGINEERS, 29, on duty,	800
ASSISTANT SURGEONS, 45, waiting or-		“ “ “ on leave,	600
ders,	650	3D ASSISTANT ENGINEERS, 28, on duty,	600
“ “ after passing, &c.,	850	“ “ “ on leave,	400

NOTE. One ration per day only is allowed to each officer when attached to vessels for sea service, since the passage of the law of the 3d of March, 1835, regulating the pay of the navy.

## 7. VESSELS OF WAR OF THE UNITED STATES NAVY. — Oct. 15, 1852.

[The officers marked thus (\*) have the rank of *Commanders*; thus (†), *Lieutenants*; the rest are *Captains*.]

Name and Rate. — Guns.	Where and when built.	Commanded by	Where stationed.
<i>Ships of the Line.</i> 11.			
Pennsylvania, 120	Philadelphia, 1837	*John L. Saunders,	Rec'g ship, Norfolk.
Franklin, 74	" 1815	In ordinary,	Portsmouth.
Columbus, 74	Washington, 1819	In ordinary,	Norfolk.
Ohio, 74	New York, 1820	*Andrew K. Long,	Rec'g ship, Boston.
North Carolina, 74	Philadelphia, 1820	*Elisha Peck,	N. York.
Delaware, 74	Gosport, Va., 1820	In ordinary,	Norfolk.
Alabama, 74	" . . . . .	" . . . . .	On stocks, Ports'th.
Vermont, 74	Boston, 1848	Fitting for sea,	Boston.
Virginia, 74	" . . . . .	" . . . . .	On stocks, Boston.
New York, 74	" . . . . .	" . . . . .	" Norfolk.
New Orleans, 74	" . . . . .	" . . . . .	" Sac. Har.
Independence, <i>Races</i> , 54	Boston, 1814	In ordinary,	New York,
<i>Frigates, 1st Class.</i> 12.			
United States, 44	Philadelphia, 1797	In ordinary,	Norfolk.
Constitution, 44	Boston, 1797	Fitting for sea,	New York.
Potomac, 44	Washington, 1821	In ordinary,	Norfolk.
Brandywine, 44	" 1825	In ordinary,	New York.
Columbia, 44	" 1836	*G. J. Pendergrast,	Home Squadron.
Congress, 44	Portsmouth, 1841	*Geo. F. Pearson,	Coast of Brazil.
Cumberland, 44	Boston, 1842	S. H. Stringham,	Mediterranean.
Savannah, 44	New York, 1842	Fitting for sea,	Norfolk.
Raritan, 44	Philadelphia, 1843	*W. W. McKean,	Pacific Ocean.
Santee, 44	" . . . . .	" . . . . .	On stocks, Ports'th.
Sabine, 44	" . . . . .	" . . . . .	" N. York.
St. Lawrence, 44	Norfolk, 1847	Bladen Dulany,	Pacific Ocean.
<i>Frigates, 2d Class.</i> 2.			
Constellation, 36	Baltimore, 1797	In ordinary,	Norfolk.
Macedonian, 36	Capt'd 1812, reb't 1836	In ordinary,	New York.
<i>Sloops of War.</i> 21.			
Saratoga, 20	Portsmouth, 1842	*Wm. S. Walker,	East Indies.
John Adams, 20	Charleston, S.C., 1799	*Samuel Barron,	Coast of Africa.
Vincennes, 20	New York, 1826	Fitting for sea,	New York.
Warren, 20	Boston, 1826	†A. L. Case,	Pacific Ocean.
Falmouth, 20	" 1827	In ordinary,	Boston.
Fairfield, 20	New York, 1828	In ordinary,	Norfolk.
Vandalia, 20	Philadelphia, 1828	Fitting for sea,	New York.
St. Louis, 20	Washington, 1828	*D. N. Ingraham,	Mediterranean.
Cyane, 20	Boston, 1837	*G. N. Hollins,	Home Squadron.
Levant, 20	New York, 1837	*Geo. P. Upshur,	Mediterranean.
Portsmouth, 20	Portsmouth, 1843	*T. A. Dornin,	Pacific Ocean.
Plymouth, 20	Boston, 1843	*John Kelly,	East Indies.
St. Mary's, 20	Washington, 1844	*Geo. A. Magruder,	East Indies.
Jamestown, 20	Norfolk, 1844	S. W. Downing,	Coast of Brazil.
Albany, 20	New York, 1846	*James T. Gerry,	Home Squadron.
Germantown, 20	Philadelphia, 1846	*John S. Nicholas,	Coast of Africa.
Ontario, 18	Baltimore, 1813	*George Adams,	Rec'g ship, Baltimore.
Decatur, 16	New York, 1839	Fitting for sea,	Boston.
Preble, 16	Portsmouth, 1839	†T. A. M. Craven,	Naval School Ship.
Marion, 16	Boston, 1839	In ordinary,	New York.
Dale, 16	Philadelphia, 1839	†James L. Lardner,	Coast of Africa.
<i>Brigs.</i> 4.			
Dolphin, 10	New York, 1836	In ordinary,	New York.
Porpoise, 10	Boston, 1836	In ordinary,	New York.
Bainbridge, 10	" 1842	†John Manning,	Coast of Africa.
Perry, 10	Norfolk, 1843	†R. L. Page,	Coast of Africa.
<i>Schooners.</i> 3.			
Wave, 1	Trans'd from W. D.	" . . . . .	Coast Survey.
Phenix, 2	" " " " " "	" . . . . .	"
Petrel, 1	Purchased, 1846	In ordinary,	New York.

† Rebuilt in 1820.

Name and Rate.—Guns.	Where and when built.	Commanded by	Where stationed.
<i>Steam Frigates.</i> 5.			
Mississippi, 110	Philadelphia, 1841	Wm. J. McCluney,	East Indies.
Sasquehannah, 8	Philadelphia, 1850	*F. Buchanan,	East Indies.
Powhatan, Norfolk,	1850	William Mervine,	Mediterranean.
Saranac, 6	Portsmouth, 1848	John C. Long,	Coast of Brazil.
San Jacinto, 6	New York, 1850	Thomas Crabbe,	Mediterranean.
<i>Steamers, 1st Class,</i> 4.			
Princeton, 10	{ New York, 1843	*S. S. Lee,	East Indies.
	{ Boston, rebuilt, 1851		
Fulton, 4	New York, 1837	*T. G. Benham,	Home Squadron.
Michigan, 1	Erie, Pa., 1843	*A. Bigelow,	Lakes.
Alleghany, 2	Pittsburg, Pa., 1846	Fitting for sea.	East Indies.
<i>Less than 1st Class,</i> 7.			
Union, 4	Norfolk, 1842	*Wm. Pearson,	Rec'g ship, Philadel.
Vixen, 3	Purchased, 1846	In ordinary,	Washington.
Water-Witch, 1	Washington, 1845	In ordinary,	Washington.
Massachusetts,	Transf'd from W. D.		Pacific Ocean.
General Taylor,	Transf'd from W. D.	Tender,	Pensacola.
Engineer,	Purchased, 1846	Tender,	Norfolk.
John Hancock,	Boston, 1850	Tender,	Boston.
<i>Storeships &amp; Brigs.</i> 5.			
Relief, 6	Philadelphia, 1836	†Robt. B. Hitchcock,	Brazil.
Lexington, 6	New York, 1825	In ordinary,	New York.
Southampton, 4	Norfolk, 1845	†J. S. Boyle,	Pacific Ocean.
Supply, 4	Purchased, 1846	†Arthur Sinclair,	East Indies.
Fredonia, 4	" 1846	†F. Chatard,	Pacific.

‡ Paixhan.

## V. THE MARINE CORPS.

THE Marine Corps has the organization of a brigade. The pay and allowances of the officers of the Marine Corps are similar to those of officers of the same grades in the infantry of the Army, except the adjutant and inspector, who have the same pay and allowances as the paymaster of the Marines; namely, about \$2,800 per annum. The Marine Corps is subject to the laws and regulations of the Navy, except when detached for service with the Army by the order of the President of the United States. The head-quarters of the Corps are at Washington.\*

† Archibald Henderson, *Colonel-Commandant.*

### *General Staff.*

‡ Parke G. Howle,  
 ‡ William W. Russell,  
 ‡ Aug. A. Nicholson,  
 § George F. Lindsay,

*Adjutant & Inspector.*  
*Paymaster.*  
*Quartermaster.*  
*Assistant Quartermaster.*

*Lieutenant-Colonel.*  
 Samuel Miller.

Thomas A. Linton,  
 James Edelin,  
 William Dulany.

### *Majors.*

John Harris,

\* There are 15 Captains, 20 First Lieutenants, and 20 Second Lieutenants. The number of non-commissioned officers, musicians, and privates varies; it may average 1,100 men.

† Brigadier-General by brevet. ‡ With the rank of Major. § With the rank of Captain

## VI. THE JUDICIARY.

## PLACES AND TIMES OF HOLDING THE DISTRICT COURTS.\*

- MAINE**, . . . . . *Wiscasset*, 1st Tuesday in September; — *Portland*, 1st Tuesday in February and December; — *Bangor*, 4th Tuesday in June.
- NEW HAMPSHIRE**, . . . *Portsmouth*, 3d Tuesday in March and September; — *Exeter*, 3d Tuesday in June and December.
- VERMONT**, . . . . . *Rutland*, 6th of October; — *Windsor*, 24th of May.
- MASSACHUSETTS**, . . *Boston*, 3d Tuesday in March, 4th Tuesday in June, 2d Tuesday in Sept., and 1st Tuesday in Dec.
- RHODE ISLAND**, . . . *Newport*, 2d Tues. in May and 3d Tues. in October; — *Providence*, 1st Tuesday in August and February.
- CONNECTICUT**, . . . *New Haven*, 4th Tuesday in February and August; — *Hartford*, 4th Tuesday in May and November.
- NEW YORK**, S. Dist., *New York*, 1st Tuesday in each month.
- NEW YORK**, N. Dist., *Albany*, 3d Tuesday in January; — *Utica*, 2d Tuesday in July; — *Rochester*, 3d Tuesday in May; — *Auburn*, 3d Tuesday in August; — *Buffalo*, 2d Tuesday in November; — one term annually in the county of St. Lawrence, Clinton, or Franklin, at such time and place as the Judge may direct.
- NEW JERSEY**, . . . *Trenton*, 3d Tuesday in Jan., April, June, and Sept.
- PENNSYLVANIA**, E. Dist., *Philadelphia*, 3d Mon. in Feb., May, Aug. & Nov.
- PENNSYLVANIA**, W. Dist., *Pittsburg*, 1st Monday in May and 3d Monday in October; — *Williamsport*, 3d Monday in June and 1st Monday in October.
- DELAWARE**, . . . . . *Newcastle*, on the 2d Tuesday of January, April, June, and September.
- MARYLAND**, . . . . . *Baltimore*, 1st Tuesday in March, June, Sept., & Dec.
- VIRGINIA**, E. Dist., *Richmond*, 12th of May and 12th of November; — *Norfolk*, 30th of May and 1st of November.
- VIRGINIA**, W. Dist., *Staunton*, 1st of May and 1st of October; — *Wytheville*, Wednesday after 3d Monday in April and September; — *Charleston*, Wednesday after 2d Monday in April and September; — *Clarksburg*, last Monday in March and August; — *Wheeling*, Wednesday after 1st Monday in April and September.
- NORTH CAROLINA**, . . *Edenton*, 3d Monday in April and October; — *Newbern*, 4th Monday in April and October; — *Wilmington*, 1st Monday after 4th Monday in April and October.
- SOUTH CAROLINA**, E. Dist., *Charleston*, 3d Monday in March and Sept., 1st Monday in July, and 2d Monday in Dec.

\* For the District of Columbia and the Territories see *post*, Part III.

- SOUTH CAROLINA**, W. Dist., *Laurens Court-House*, the next Tuesday after the adjournment of the Circuit Court at Columbia.
- GEORGIA**, N. Dist., *Marietta*, 2d Monday in March and September.
- GEORGIA**, S. Dist., *Savannah*, 2d Tuesday in February, May, August, and November.
- FLORIDA**, N. Dist., . *Tallahassee*, 1st Monday in January ; — *Apalachicola*, 1st Monday in February ; — *Pensacola*, 1st Monday in March ; — *St. Augustine*, 1st Monday in April.
- FLORIDA**, S. Dist., . *Key West*, 1st Monday in May and November.
- ALABAMA**, N. Dist., *Huntsville*, 2d Monday in May and November.
- ALABAMA**, Mid. Dist., *Montgomery*, 4th Monday in May and November.
- ALABAMA**, S. Dist., *Mobile*, 4th Monday in April and 2d Monday after 4th Monday in November.
- MISSISSIPPI**, N. Dist., *Pontotoc*, 1st Monday in June and December.
- MISSISSIPPI**, S. Dist., *Jackson*, 4th Monday in January and June.
- LOUISIANA**, E. Dist., *New Orleans*, 2d Mon. in Dec. and 1st Mon. in Jan.
- LOUISIANA**, W. Dist., *Opelousas*, 1st Monday in August ; — *Alexandria*, 1st Monday in September ; — *Shreveport*, 1st Monday in October ; — *Monroe*, 1st Monday in November ; — *St. Josephs*, 1st Monday in December.
- TEXAS**, . . . . *Galveston*, 1st Monday in February, and once in each year at Austin, Tyler, and Brownsville.
- TENNESSEE**, E. Dist., *Knoxville*, 3d Monday in April and October.
- TENNESSEE**, M. Dist., *Nashville*, 1st Monday in March and September.
- TENNESSEE**, W. Dist., *Jackson*, 2d Monday in October and April.
- KENTUCKY**, . . . . *Frankfort*, 3d Monday in May and October.
- OHIO**, . . . . . *Columbus*, 3d Tuesday in April and October.
- MICHIGAN**, . . . . *Detroit*, 3d Monday in June and 2d Monday in Oct.
- INDIANA**, . . . . . *Indianapolis*, 3d Monday in May and November.
- ILLINOIS**, . . . . . *Springfield*, 1st Monday in July and 3d Monday in December ; — *Chicago*, 3d Tuesday in April and 1st Tuesday in October.
- MISSOURI**, . . . . . *Jefferson City*, 1st Monday in March and September.
- ARKANSAS**, E. Dist., *Little Rock*, 1st Monday in April and October.
- ARKANSAS**, W. Dist., *Van Buren*, 2d Monday in May and November.
- IOWA**, N. Dist., . . . *Dubuque*, 1st Monday in January.
- IOWA**, Mid. Dist., . . *Iowa City*, 1st Monday in October.
- IOWA**, S. Dist., . . . *Burlington*, 1st Monday in June.
- WISCONSIN**, . . . . *Milwaukee*, 1st Monday in January ; — *Madison*, 1st Monday in July.
- CALIFORNIA**, N. Dist., *San Francisco*, 1st Monday in June and December ; — *San José*, 1st Monday in April ; — *Sacramento*, 1st Monday in September ; — *Stockton*, 2d Monday in October.
- CALIFORNIA**, S. Dist., *Monterey*, 1st Monday in June ; — *Los Angeles*, 1st Monday in December.



## SUPREME COURT.

	Residence.		Appointed.	Salary
Roger B. Taney,	Baltimore, Md.,	Chief Justice,	1836,	\$ 5,000
John McLean,	Cincinnati, Ohio,	Associate Justice,	1829,	4,500
James M. Wayne,	Savannah, Ga.,	"	1835,	4,500
John Catron,	Nashville, Tenn.,	"	1837,	4,500
Peter V. Daniel,	Richmond, Va.,	"	1841,	4,500
Samuel Nelson,	Cooperstown, N. Y.,	"	1845,	4,500
Robert C. Grier,	Pittsburg, Pa.,	"	1846,	4,500
Benj. Robbins Curtis,	Boston, Mass.,	"	1851,	4,500
Edmund A. Bradford,	New Orleans,	"	1852,*	4,500
John J. Crittenden,	Washington, D. C.,	Attorney-General,	1850,	6,000
Benj. C. Howard,	Baltimore, Md.,	Reporter,	1843,	1,300
William T. Carroll,	Washington, D. C.,	Clerk,		Fees, &c.

The Supreme Court is held in the city of Washington, and has one session annually, commencing on the 1st Monday of December.

† DISTRICT COURTS:—JUDGES, ATTORNEYS,

Districts.	Judges.	Residence.	Attorneys.	Residence.
1 Maine,	Ashur Ware,	Portland,	Thomas A. Deblols,	Portland,
2 N. Hampshire,	Matthew Harvey,	Concord,	Wm. W. Stickney,	Exeter,
3 Vermont,	Samuel Prentiss,	Montpelier,	Abel Underwood,	Newbury,
4 Massachusetts,	Peleg Sprague,	Boston,	George Lunt,	Boston,
5 Rhode Island,	John Pitman,	Providence,	James M. Clarke,	Providence,
6 Connecticut,	Andrew T. Judson,	Canterbury,	Thomas C. Perkins,	Hartford,
7 N. Y. { N. Dist.	Nathan K. Hall,	Buffalo,	James R. Lawrence,	Syracuse,
8 { S. Dist.	Samuel R. Betts,	New York,	J. Prescott Hall,	New York,
9 New Jersey,	Philemon Dickerson,	Paterson,	William Halsted,	Trenton,
10 Pa. { E. Dist.	John K. Kane,	Philadelphia,	John W. Ashmead,	Philadelphia,
11 { W. Dist.	Thomas Irwin,	Pittsburg,	J. B. Sweitzer,	Pittsburg,
12 Delaware,	Willard Hall,	Wilmington,	P. S. Johnson,	Wilmington,
13 Maryland,	John Glenn,	Baltimore,	Z. C. Lee,	Baltimore,
14 Va. { E. Dist.	Jas. D. Hallyburton,	Richmond,	Wm. T. Joynes,	Petersburg,
15 { W. Dist.	J. W. Brockenbrough,	Lexington,	Benj. H. Smith,	Charlestown,
16 North Carolina,	Henry Potter,	Fayetteville,	Hiram W. Husted,	Raleigh,
17 South Carolina,	Robert B. Gilchrist,	Charleston,	J. L. Petigru,	Charleston,
18 Geo. { N. Dist.	{ John C. Nicoll,	Savannah,	Henry Williams,	Savannah,
19 { S. Dist.				
20 Fa. { N. Dist.	Isaac H. Bronson,	St. August's,	Geo. W. Call, Jr.,	Marians,
21 { S. Dist.	William Marvin,	Key West,	Wm. R. Hackley,	Key West,
22 { N. Dist.	{ John Gayle,	Mobile,	{ Jeff. F. Jackson,	Montgomery,
23 Ala. { M. Dist.			{ Peter Hamilton,	Mobile,
24 { S. Dist.			{ W. L. Ligon,	Aberdeen,
25 Miss. { N. Dist.	Samuel J. Gholson,	Athens,	{ H. L. Harrie,	Vicksburg,
26 { S. Dist.			{ Logan Hunton,	New Orleans,
27 La. { E. Dist.	Theo. H. McCaleb,	N. Orleans,	Lawrence P. Crane,	Shreveport,
28 { W. Dist.	Henry Boyce,	Alexandria,	W. P. Ballinger,	Galveston,
29 Texas,	John C. Watrous,	Galveston,	Charles N. Gibbs,	Jackson,
30 { W. Dist.			{ W. F. Kercheval,	Fayetteville,
31 Tenn. { M. Dist.	M. W. Brown,	Nashville,	{ Samuel R. Rogers,	Knoxville,
32 { E. Dist.			{ W. H. Caperton,	Richmond,
33 Kentucky,	Thomas B. Monroe,	Frankfort,	Samson Mason,	Springfield,
34 Ohio,	H. H. Leavitt,	Staubenville,	Hugh O. Neal,	Indianapolis,
35 Indiana,	E. M. Huntington,	Cannelton,	Archibald Williams,	Quincy,
36 Illinois,	T. Drummond,	Galena,	John D. Cooke,	Fredericton,
37 Missouri,	Robert W. Wells,	Jeffson City,	Saml. Barstow,	Detroit,
38 Michigan,	Ross Wilkins,	Detroit,	{ Joseph Stillwell,	Little Rock,
39 Ark. { E. Dist.	{ Daniel Ringo,	Little Rock,	{ Jesse Turner,	Van Buren,
40 { W. Dist.				
41 { N. Dist.				
42 Iowa { M. Dist.	John S. Dyer,	Dubuque,	Stephen Whicher,	Bloomington,
43 { S. Dist.				
Wisconsin,	Andrew G. Miller,	Milwaukee,	George W. Lakin,	Platteville,
Cal. { N. Dist.	Ogden Hoffman, Jr.	S. Francisco,	Calhoun Benham,	San Francisco,
			Alfred Wheeler,	San Francisco.

## CIRCUIT COURTS.

The United States are divided into the following nine Judicial Circuits, in each of which a Circuit Court is held twice every year, for each State within the Circuit, by a Justice of the Supreme Court, assigned to the Circuit, and by the District Judge of the State or District in which the Court sits.

Presiding Judge.

1st Circuit,	Maine, N. Hampshire, Mass., and R. I.,	Mr. Justice Curtis.
2d	" Vermont, Connecticut, and New York,	Mr. Justice Nelson.
3d	" New Jersey and Pennsylvania,	Mr. Justice Grier.
4th	" Delaware, Maryland, and Virginia,	Mr. Ch. Justice Taney.
5th	" Alabama, Louisiana, and Kentucky,	Mr. Justice Bradford.
6th	" N. Carolina, S. Carolina, and Georgia,	Mr. Justice Wayne.
7th	" Ohio, Indiana, Illinois, and Michigan,	Mr. Justice McLean.
8th	" Kentucky, Tennessee, and Missouri,	Mr. Justice Catron.
9th	" Mississippi and Arkansas,	Mr. Justice Daniel.

The States of Florida, Texas, Iowa, Wisconsin, and California have not yet been attached to any Circuit, but the District Courts have the power of Circuit Courts, and the District Judges act as Circuit Judges. There is a local Circuit Court held in the District of Columbia, by three judges specially appointed for that purpose. The Chief Justice of that Court sits also as District Judge of that District.

## MARSHALS, AND CLERKS.

	Marshals.	Residence.	Pay.	Clerks.*	Residence.	Pay.
1	William Paine,	Portland,	\$200†	William Preble,	Portland,	Fees.
2	Samuel Garfield,	Langdon,	200†	Albert R. Hatch,	Portsmouth,	"
3	John Pettes,	Windsor,	200†	Edw. H. Prentiss,	Montpelier,	"
4	Charles Devens, Jr.,	Boston,	1	Seth E. Sprague,	Boston,	"
5	George W. Jackson,	Providence,	200†	John T. Pitman,	Providence,	"
6	Alison A. Pettengill,	Bridgeport,	200†	A. A. Burnham,	New Haven,	"
7	John T. Bush,	Buffalo,	200†	Aurelian Conkling,	Auburn,	"
8	Henry F. Talmadge,	New York,	1	Geo. W. Morton,	New York,	"
9	Robert S. Kennedy,	Stewartsville,	200†	Edw. N. Dickerson,	Paterson,	"
10	Anthony E. Roberts,	Lancaster,	1	Thomas L. Kane,	Philadelphia,	"
11	John Dickey,	Bearn,	200†	R. Biddle Roberts,	Pittsburg,	"
12	Samuel Barr,	Wilmington,	200†	L. E. Wales,	Wilmington,	"
13	Thomas H. Kent,	Baltimore,	1	Thomas Spicer,	Baltimore,	"
14	Thomas S. Hall,	Menassas Gap,	200†	P. Mayo,	Richmond,	"
15	James Points,	Staunton,	200†	Erasmus Stribbling,	Staunton,	"
16	George Little,	Raleigh,	200†	John M. Jones,	Edenton,	"
17	Thomas D. Condy,	Charleston,	1	W. Y. Gray,	Charleston,	"
18	{ Wm. H. C. Mills,	Savannah,	1	{	Savannah,	"
19				{ W. H. Hunt,	Marietta,	"
				{ W. K. Beard,	Tallahassee,	"
				{ C. N. Jordan,	Pensacola,	"
20	John T. Myrick,	Mariana,	200†	{ Joseph S. May,	Apalachicola,	"
				{ R. B. Smith,	Tallahassee,	"
21	Walter C. Maloney,	Key West,	200†	T. A. Pinkney,	Key West,	"
22	Benj. Patteson,	Huntsville,	200†	B. F. Moore,	Tuscaloosa,	"
23						
24	Charles Bingham,	Mobile,	200†	John Fitts,	Mobile,	"
25	William McQuiston,	Aberdeen,	200†	R. W. Edmundson,	Pontotoc,	"
26	F. Davis,	Woodville,	200†	W. H. Brown,	Jackson,	"
27	William S. Scott,	New Orleans,	200†	N. R. Jennings,	New Orleans,	"
28	Frederic G. Smith,	St. Josephs,	200†	R. J. Willson,	St. Joseph's,	"
29	Joseph Bates,	Galveston,	200†	James Love,	Galveston,	"
30	Andrew Guthrie,	Jackson,	200†	James L. Talbott,	Jackson,	"
31	Wm. M. Brown,	Nashville,	200†	Jacob McGavock,	Nashville,	"
32	Joseph Parsons,	Knoxville,	200†	Jas. W. Campbell,	Knoxville,	"
33	J. S. Speed,	Louisville,	200†	John H. Hanna,	Frankfort,	"
34	Goshorn A. Jones,	Mt. Vernon,	200†	William Miner,	Columbus,	"
35	Solomon Meredith,	CambridgeCity	200†	Horace Bassett,	Indianapolis,	"
36	Benjamin Bond,	Carlyle,	200†	William Pope,	Springfield,	"
37	John W. Twichell,	St. Louis,	200†	Jason Harrison,	Jefferson City,	"
38	Hiram Beckie,	Ann Arbour,	200†	Wm. D. Wilkins,	Detroit,	"
39	Luther Chase,	Little Rock,	200†	{	Little Rock,	"
40	George Knox,	Van Buren,	200†	{ William Field,		
41						
42	{ Stephen B. Shelladay,	Oscalooosa,	200†	T. S. Parvin,	Bloomington,	"
43						
44	Henry K. Elkins,	Kenosha,	200†	George S. West,	Milwaukee,	"
45	David F. Douglas,	San José,	200†			
46	Pablo Noriega,	San José,	200†			

\* For the Clerks of the Circuit Courts where they are not also Clerks of the District

## PLACES AND TIMES OF HOLDING THE CIRCUIT COURTS.\*

MAINE, . . . .	<i>Portland</i> , 23d April and 23d September.
NEW HAMPSHIRE, .	<i>Portsmouth</i> , 8th May ; — <i>Exeter</i> , 8th October.
VERMONT, . . . .	<i>Windsor</i> , 21st May ; — <i>Rutland</i> , 3d October.
MASSACHUSETTS, .	<i>Boston</i> , 15th May and 15th October.
RHODE ISLAND, .	<i>Newport</i> , 15th June ; — <i>Providence</i> , 15th November.
CONNECTICUT, . .	<i>New Haven</i> , 4th Tuesday in April ; — <i>Hartford</i> , 3d Tuesday in September.
N. YORK, S. Dist., .	<i>New York</i> , 1st Monday in April and 3d Monday in October ; and a special term for criminal cases and suits in equity on the last Monday in February.
N. YORK, N. Dist.,	<i>Albany</i> , 3d Tuesday in October and 3d Tuesday in May ; — <i>Canandaigua</i> , Tuesday next after 3d Monday in June.
NEW JERSEY, . .	<i>Trenton</i> , 4th Tuesday in March and September.
PENN., E. Dist., .	<i>Philadelphia</i> , 1st Monday in April and October.
PENN., W. Dist., .	<i>Pittsburg</i> , 2d Monday in May and November ; — <i>Williamsport</i> , 3d Monday in June and September.
DELAWARE, . . .	<i>Newcastle</i> , 3d Tuesday in June and October.
MARYLAND, . . .	<i>Baltimore</i> , 1st Monday in April and November.
VIRGINIA, E. Dist.,	<i>Richmond</i> , 1st Monday in May and 4th Monday in November.
VIRGINIA, W. Dist.,	<i>Lewisburg</i> , 1st Monday in August.
NORTH CAROLINA, .	<i>Raleigh</i> , 1st Monday in June and last Monday in November.
SOUTH CAROLINA, .	<i>Charleston</i> , Wednesday preceding the 4th Monday in March ; — <i>Columbia</i> , 4th Monday in November.
GEORGIA, N. Dist.,	<i>Marietta</i> ,† 2d Monday in March and September.
GEORGIA, S. Dist., .	<i>Savannah</i> , 2d Monday in April ; — <i>Milledgeville</i> , Thursday after 1st Monday in November.
ALABAMA, . . . .	<i>Mobile</i> , 2d Monday in April and 4th Monday in December.
MISSISSIPPI, . . .	<i>Jackson</i> , 1st Monday in May and November.
LOUISIANA, . . . .	<i>New Orleans</i> , 4th Monday in April and 3d Monday in December.
TENNESSEE, . . . .	<i>Nashville</i> , 1st Monday in March and September ; — <i>Knoxville</i> , 3d Monday in April and October ; — <i>Jackson</i> , 2d Monday in October and April.
KENTUCKY, . . . .	<i>Frankfort</i> , 3d Monday in May and October.
OHIO, . . . . .	<i>Columbus</i> , 3d Tuesday in April and October.

\* For the Terms in the States not attached to any Circuit, see Terms of the District Courts in those States. For the Terms in the District of Columbia and the Territories, see *post*, Part III.

† This court is held by the District Judge, with special authority to exercise the powers and jurisdiction of a Judge of the Circuit Court.

- MICHIGAN, . . . *Detroit*, 3d Monday in June and 2d Monday in October.  
 INDIANA, . . . *Indianapolis*, 3d Monday in May and November.  
 ILLINOIS, . . . *Springfield*, 1st Monday in July and 3d Monday in December; — *Chicago*, 3d Tuesday in April and 1st Tuesday in October.  
 MISSOURI, . . . *St. Louis*, 1st Monday in April and (special) October.  
 ARKANSAS, . . . *Little Rock*, 2d Monday in April.

## VII. INTERCOURSE WITH FOREIGN NATIONS.

THE pay of Envoys Extraordinary and Ministers Plenipotentiary is \$9,000 per annum, as salary, besides \$9,000 for outfit. The pay of *Chargés d'Affaires* is \$4,500 per annum; of Secretaries of Legation, \$2,000; of Ministers Resident, \$6,000.

The United States are represented by Ministers Plenipotentiary at the courts of Great Britain, France, Russia, Prussia, Spain, Mexico, Brazil, and Chili; and by *Chargés d'Affaires* at the courts of most of the other foreign powers with which this country is much connected by commercial intercourse.

### 1. MINISTERS AND DIPLOMATIC AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES.

[Corrected in the Department of State, September 14th, 1852.]

#### *Envoys Extraordinary and Ministers Plenipotentiary in 1852.*

	Appointed.	Foreign States.	Capitals.
Joseph R. Ingersoll,	Pa. 1852	Great Britain,	London.
Wm. C. Rives,	Va. 1849	France,	Paris.
Robert C. Schenck,	Ohio, 1851	Brazil,	Rio Janeiro.
Daniel D. Barnard,	N. Y. 1850	Prussia,	Berlin.
Daniel M. Barringer,	N. C. 1849	Spain,	Madrid.
Neill S. Brown,	Tenn. 1849	Russia,	St. Petersburg.
Alfred Conkling,	N. Y. 1852	Mexico,	Mexico.
Bailie Peyton,	La. 1849	Chili,	Santiago.

#### *Secretaries of Legation.*

John C. B. Davis,	Great Britain.	Gales Seaton,	Germany.
Henry S. Sanford,	France.	Horatio J. Perry,	Spain.
Edward H. Wright,	Russia.	Ferdinand Coxe,	Brazil.
Jesse B. Holman,	Chili.	Henry A. Homes,	China.
Theodore S. Fay,	Prussia.	Peter Parker ( <i>and Chinese</i>	
William Rich,	Mexico.	<i>Interpreter</i> ), China.	Salary, \$2,500

#### *Minister Resident.*

	Appointed.	Foreign State.	Capital.
George P. Marsh,	Vt.   1849	Turkey,	Constantinople.
John P. Brown, <i>Dragoman to the Legation.</i> Salary, \$2,500.			
Henry A. Homes, <i>Assist. Dragoman.</i>			

*Commissioners.*

		Appointed.	Foreign States.	Salary.
Humphrey Marshall,	Ky.	1852	China,	\$ 5,000†
Luther Severance,	Me.	1850	{ Sandwich Isl., Honolulu. }	3,000

*Chargés d'Affaires, September 14, 1852.*

George Folsom,	N. Y.	1850	Netherlands,	Hague.
Richard H. Bayard,	Del.	1851	Belgium,	Brussels.
Francis Schroeder,	R. I.	1849	Sweden,	Stockholm.
Miller Grieve,	Pa.	1852	Denmark,	Copenhagen.
Yelverton P. King,	Geo.	1851	New Granada,	Bogotá.
J. Nevett Steele,	Md.	1845	Venezuela,	Caraccas.
John R. Clay,	Pa.	1847	Peru,	Lima.
E. Joy Morris,	Pa.	1850	Two Sicilies,	Naples.
John S. Pendleton,	Va.	1851	Argentine Rep.	Buenos Ayres.
Wm. B. Kinney,	N. J.	1850	Sardinia,	Turin.
Charles B. Haddock,	N. H.	1851	Portugal,	Lisbon.
			Austria,	Vienna.
Lewis Cass, Jr.,	Mich.	1848	Pontific. States,	Rome.
Courtland Cushing,	Ind.	1851	Ecuador,	Quito.
Balis M. Edney,	N. C.	1852	Guatemala,	Guatemala.
John B. Kerr,	Md.	1851	Nicaragua,	Leon.
Horace H. Miller,	Miss.	1852	Bolivia,	Chuquisaca.

## 2. LIST OF CONSULS AND COMMERCIAL AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES, AND THE PLACES OF THEIR RESIDENCE.

[Corrected in the Department of State, September 15, 1852.]

☞ Those marked thus (\*) are Commercial Agents.

**AFRICA.**

\*James W. Lugenebeel, Monrovia.

\*Alex. J. Cotheal, River Djeb.

John F. Webb, Zanzibar.

**ARGENTINE REPUBLIC, OR BUENOS****AYRES.**

Joseph Graham, Buenos Ayres.

Wm. H. Smiley, Rio Negro.

**AUSTRIA.**

\_\_\_\_\_, Vienna.

Leonard W. Jerome, Trieste.

Edm. Flagg, Venice.

**BADEN.**

John Reichard, Manheim.

**BARBARY STATES.**

George V. Brown, Tangier, Mor'co.

Jos. H. Nicholson, Tunis, Tunis.

M. J. Gaines, Tripoli, Tripoli.

**BAVARIA.**

Chas. Obermeyer, Augsburg.

Philip Geisse, Nuremberg.

**BELGIUM.**

Wm. H. Vesey, Antwerp.

**BRAZIL.**

Henry L. Norris, Para.

James W. Gordon, Pernambuco.

Edward Kent, Rio Janeiro.

Robert S. Cathcart, St. Catherine's Isl.

George F. Upton, Rio Grande.

John S. Gilmer, Bahia de San Salv.

John W. Petit, Maranham Isl.

**CENTRAL AMERICA.**

\_\_\_\_\_, Guatemala.

A. Follin, { Omoa and Truxillo (Hond.).

Jos. W. Livingston, { San Juan de Nicaragua.

\_\_\_\_\_, Balize (Hond.).

\* Wm. F. Boone, Realejo.

Loomis L. White, S. Juan del Sud.

**CHILI.**

William Duer, Valparaiso.

Samuel Eckel, Talcahuano.

Saml. F. Haviland, Coquimbo.

**CHINA.**

Paul S. Forbes, Canton.

† \$ 1,000 additional, for performing judicial duties.

Ch. W. Bradley,	Amoy.	Francis B. Ogden,	Bristol.
Dwight Webb,	Fouchou.	Robert W. Fox,	Falmouth.
J. N. A. Griswold,	Shang Hai.	Thos. Were Fox,	Plymouth.
Robt. P. Desilver,	†Macao.	James R. Croakey,	{ Southampton and Cowes.
Fred. T. Bush,	‡Hong Kong.	Albert Davy,	Leeds.
COSTA RICA.		Scotland.	
M. L. Hine,	San José.	John Broadfoot,	Leith.
DENMARK.		James McDowell,	Dundee.
Charles F. Ryan,	Copenhagen.	Day O. Kellogg,	Glasgow.
H. T. A. Rainals,	Elsineur.	Ireland.	
Danish West India Islands.		James Foy,	Dublin.
David Rogers,	Santa Cruz.	Valentine Holmes,	Belfast.
*H. M. Burton,	St. Thomas.	Robt. L. Loughhead,	Londonderry.
ECUADOR.		Alfred Mitchell,	Cork.
M. P. Game,	Guayaquil.	Thos. M. Perse,	Galway.
EGYPT, <i>Pachalic of.</i>		<i>In and near Europe and Africa.</i>	
Danl. S. M'Cauley,	{ Consul-Gen'l, Alexandria.	Horatio I. Sprague,	Gibraltar.
*William Lindquist,	Suez.	Wm. Winthrop,	Island of Malta.
FRANCE.		Wm. Carrol,	Isle of France.
Samuel G. Goodrich,	Paris.	G. S. Holmes,	Cape-Town, C. G. H.
Lorenzo Draper,	Havre.	*John W. Carrol,	Isl. of St. Helena.
Frederick Kahl,	Bourdeaux	Geo. M. Farnum,	{ Port Louis, Isle of France.
John L. Hodge,	Marseilles.	<i>North America.</i>	
J. B. C. Antoine,	Sedan.	Israel D. Andrews,	{ St. John's, N. B. & Canada.
C. S. J. Goodrich,	Lyons.	T. B. Livingston,	Halifax, N. S.
Hypolite Roques,	Nantes.	B. H. Norton,	Pictou, N. S.
F. M. Auboyneau,	La Rochelle.	Wm. S. H. Newman,	St. John, N. F.
Auguste Furtado,	Bayonne.	<i>West Indies.</i>	
C. Andony,	Napoleon Vendee.	Wm. T. Tucker,	Bermuda.
<i>West Indies.</i>		Timothy Darling,	Nassau, Baha. I.
John W. Fisher,	{ Pointe-à-Pitre, Guadaloupe.	Benj. E. Smith,	Turk's Island.
Alex. Campbell,	St. Pierre, Martin'e.	Robt. M. Harrison,	Kingston, Jam.
<i>South America. — French Guiana.</i>		*Wm. T. Thurston,	St. Christopher's.
J. W. Fabens,	Cayenne.	*R. S. Higinbotham,	Antigua.
<i>Africa.</i>		W. J. Trowbridge,	Barbadoes.
Henri Stucklé,	Algiers.	Edw. B. Marache,	Isl. of Trinidad.
*George Hughes,	{ St. Pierre, Mi- quelon.	<i>South America.</i>	
GREAT BRITAIN.		Charles Benjamin,	Demarara, B.G.
<i>England.</i>		*William H. Smiley,	Falkland Isles.
Thos. Aspinwall,	London.	<i>Central America.</i>	
Thomas L. Crittenden,	{ Manchester & Liverpool.	———,	Balize, Brit. Hond.
		<i>Australia.</i>	
		Fred. W. Clark,	Sydney.

E. Hathaway, Jr., Hobart Town.  
Joseph A. Henriques, Melbourne.

*East Indies.*

James H. Adams, Singapore.  
Edward Ely, Bombay.  
Charles Huffnagle, Calcutta.  
\*John Black, Isl. of Ceylon.

*China.*

Fred. T. Bush, Hong Kong.

*GREECE.*

John D. Diomatiari, Athens.

*HANSEATIC OR FREE CITIES.*

Samuel Bromberg, Hamburg.  
Ralph King, Bremen.  
Ernest Schwendler, Frankfort

*HANOVER, HESSE CASSEL, AND HESSE DARMSTADT.*

Charles Graebe, Darmstadt.

*HAYTI, OR ST. DOMINGO.*

\*George F. Usher, Port au Prince.  
\*John F. Clarke, Aux Cayes.  
\*John L. Wilson, Cape Haytien.  
\*Jonathan Elliot, { St Domingo &  
Porto Plata.

*LIBERIA. See AFRICA.**MEXICAN REPUBLIC.*

John Black, Mexico.  
James F. Waddell, Matamoras.  
Franklin Chase, Tampico.  
Wm. R. Glover, { Vera Cruz &  
Alvarado.  
Bennett Riddells, Chihuahua.  
Robert R. Gatton, Mazatlan.  
Geo. W. Slacum, Acapulco.  
G. W. P. Bissell, San Blas.  
John A. Robinson, Guayamas.  
Lewis Morris, Campeaché.  
——, { Monterey, New  
Leon.  
Edward Porter, Tabasco.  
David R. Diffenderfer, Paso del Norte.  
Wills de Hass, Merida & Sisal.  
Charles R. Webster, { Tehuantepec  
& Huatalco.

*MODENA, Duchy.*

William Walton, Carrara.

*Morocco, Empire of.*

J. S. Leary, Tetuan.  
Meshod Abecasis, Lavaché & Arrila.  
*MUSCAT, Dominion of the Imam of.*  
Wm. McMullen, Island of Zanzibar.  
——, Muscat.

*THE NETHERLANDS, OR HOLLAND.*

C. G. Baylor, Amsterdam.  
Wm. S. Campbell, Rotterdam.

*Colonies.*

Francis W. Cragin, Paramaribo.  
\*John McKelway, Curaçoa.  
——, Batavia, Java.  
\*H. O. Claughton, Isl. St. Martins.

*NEW GRANADA.*

John A. Bennett, Bogotá.  
Harvey Gleason, Chagres.  
Ramon L. Sanchez, Carthagena.  
——, Santa Martha.  
Amos B. Corwine, Panamá.  
Henry Munro, Aspinwall.

*NICARAGUA.*

W. F. Boone, Realejo.  
Loomis L. White, San Juan del Sud.

*PACIFIC ISLANDS, Independent.*

Elisha H. Allen, Honolulu, Sand. Isl.  
Charles Bunker, Lahaina.  
Thomas Miller, Hilo.  
Charles B. Wastford, Bay of Isl., N.Z.  
\*J. B. Williams, { Lanthalla, Fej.  
Islands.

David Whippy, { *Vice Comm. Agent,*  
Sura Cove, Fej. Isl.  
\*John C. Williams, Navigators' Isl.  
William H. Kelly, Society Islands.

*PARAGUAY.*

Edward A. Hopkins.

*PERU.*

Edward McCall, Lima.  
Alex. Ruden, Jr., Paita.  
——, Arica.  
Saml. J. Oakland, Tombez.

*PORTUGAL.*

Nicolas Pike, Lisbon and all Portugal.

*Islands.*

Chas. W. Dabney, Fayal, Azores.

John H. March, Funchal, Madeira.  
 John Z. Forney, St. Jago, C. Verd.  
 Robert P. Desilver, Macao.  
 Wm. E. Hines, Mozambique.

## PRUSSIA.

Isaac C. Bates, { Westphalia and  
 Aix-la-Cha'lle.  
 Fred. Schillow, Stettin.

## ROME, OR PONTIFICAL STATES.

—, Rome.  
 Joseph Mozier, Ancona.  
 James W. Irwin, Ravenna.

## RUSSIA.

William H. Ropes, St. Petersburg.  
 Alex. Schwartz, Riga.  
 Edmund Brandt, Archangel.  
 John Ralli, Odessa.  
 Reynold Frenckall, Helsingfors.

SANDWICH ISLANDS. See PACIFIC ISLANDS, *Independent*.

## SARDINIA.

George G. Baker, Genoa.  
 J. B. Wilbor, Nice.

## SALE-MEIN. HILDEBURGHAUSEN.

Louis Lindner, Sonneberg.

## SAXONY.

John G. Flügel, Leipsic.  
 John M. Fessenden, Dresden.

## SPAIN.

Max. de Aguirre, Bilboa.  
 Alexander Burton, Cadiz.  
 John Maraud, Denia.  
 John S. Smith, Malaga.  
 Paul Anguera, Barcelona.  
 Manuel Barcena, Vigo.

Spiridion Ladice, { Port Mahon,  
 Isl. Min.

## Cuba.

W. L. Sharkey, Havana.  
 Thomas M. Rodney, Matanzas.  
 Samuel McLean, Trinidad de Cuba.  
 Wm. N. Adams, Santiago de Cuba.

## Puerto Rico.

James C. Gallaher, Ponce.  
 —, Mayaguez.  
 —, Guayama.  
 George Latimer, St. John's.

## Other Spanish Islands.

Edward F. Weld, Teneriffe, Canary.  
 A. H. P. Edwards, Manilla, Philipp.

## SWEDEN AND NORWAY.

C. D. Arfwedson, Stockholm.  
 Alex. Barclay, *Act'g*, Gothenburg.  
 Helmich Janson, Bergen, Nor.

## SWITZERLAND.

Nathan Burchard, Basel, or Bâle.  
 W. L. J. Kiderlen, Zurich.

## TURKEY.

Francis Dainese, Constantinople.  
 E. S. Offley, Smyrna.

J. Hosford Smith, { Beyrout, Damas-  
 cuss, and Saida,  
 in Syria.

Merino de Matthey, Cyprus.  
 George Mountfort, Candia.

## TUSCANY.

J. A. Binda, Leghorn.  
 Francis Lance, Florence.

## TWO SICILIES.

Alex. Hammett, Naples.  
 Julius C. Kretschmar, Palermo.  
 Alex. H. Clements, Messina.

## URUGUAY, OR CISPLATINE REPUBLIC.

Rob. M. Hamilton, Monte Video.  
 \*Wm. H. Smiley, Falkland Isles.

## VENEZUELA.

Alex. M. Ross, Puerto Cabello.  
 Nich. J. Keefe, Laguayra.  
 Roland Dubs, Maracaibo.  
 Adol. H. Wappaus, { Angostura, or  
 Ciudad Bolivar.

## WURTEMBERG.

Chas. L. Fleischman, Stuttgart.

The only Consuls who receive salaries are those for London, \$ 2,000, Tangier, \$ 2,000, Tunis, \$ 2,000, and Tripoli, \$ 2,000, and those for Beyrout and Alexandria. The Consuls for the five treaty ports in China receive \$ 1,000 each for judicial duties.



## 3. FOREIGN MINISTERS AND THEIR SECRETARIES,

*Accredited to the Government of the United States.*

Foreign States. Envoys Ex. and Min. Plen.

Secretaries, &amp;c.

Russia, Alexander de Bodisco,

Edw. de Stoeckl, 1st Sec.

Mr. de Cramer, 2d Sec.

Argentine Rep., Brig.-Gen. Don C. M. de Alvear.

Señor D. Emilo de Alvear, *Sec. of Leg.*

Great Britain, John F. Crampton, Esq.

France, M. le Comte de Sartiges,

M. Boilleau, *Secretary.*

Spain, Don A. Calderon de la Barca,

Chevalier Banuelos, 1st Sec.

J. de Silva, 2d Sec.

Chili, Señor Don Manuel Carvallo.

Costa Rica, Señor Don Felipe Molina.

Mexico, Sen. Don Manuel Larrainzar, M. Gonzalez de la Vega, *Sec. Leg.*Antonio Sierra, *Clerk.*Angel Huici, *Attaché.*Nicaragua, Señor Don Jose de Marcoleta, Sen. Don Carlos Gutierrez, *Sec. Leg.*Venezuela, Don Lucio Palido, *Min. Plenipotentiary.*

Ministers Resident.

Portugal, Com. J. C. de Figanieri é Morao.

Sen. F. F. de la Figanieri, *Attaché.*

Prussia, Baron Fr. von Gerolt,

Anton Magnus, *Attaché.*

Belgium, Henry Bosch Spencer.

Chargés d'Affaires.

Brazil, Chevalier Pereira de Sodre, *Chargé d'Affaires ad int.*

Denmark, M. Steen de Billé,

M. Torben de Billé, *Attaché.*

Austria.

Netherlands, Chevalier F. M. W. Testa.

Sweden and Norway, Chevalier George de Sibbern, *and Consul-General.*

Two Sicilies and Parma, Chevalier Martuscelli.

Sardinia, Chevalier Louis Mossi, *and Consul-General.*Guatemala, Señor Don Felipe Molina, *Chargé d'Affaires.*Peru, Señor Don Juan Y. de Osma, *Chargé d'Affaires.*New Granada, Señor Don Victoriano de Diego Paredes, *Chargé de Affaires.*

## 4. FOREIGN CONSULS AND VICE-CONSULS IN THE UNITED STATES.

*A List of Foreign Consuls and Vice-Consuls in the United States.*Those marked thus (\*) are *Consuls-General*; thus (†) *Vice-Consuls*; the rest are *Consuls*.*Argentine Republic, or Buenos Ayres.*Chas. F. Loosey, *Chancellor, do.*

S. Livingston, New York.

J. W. Langdon, *Cons. Agt., Boston.*

Fitzhenry Homer, Boston.

†S. Morris Waln, Philadelphia,

Motte A. Pringle, Charleston.

†H. W. Kuthman, Charleston.

N. Frazier, Philadelphia.

Jacob H. Eimer, New Orleans.

Carlos M. Stewart, Baltimore.

†Andrew Low, Savannah.

*Austria.*

†J. M. Wright, Apalachicola.

\*August Belmont, New York.

Samuel John Gower, San Francisco.

*Baden.*

\*J. W. Schmidt, New York.  
 F. T. Schmidt, New York.  
 †Jacob H. Eimer, New Orleans.  
 †E. C. Angelrodt, St. Louis.

*Bavaria.*

G. Heinrich Siemon, New York.  
 C. Fred. Hagedorn, Philadelphia.  
 John Smidt, Louisville.  
 L. Brauns, Baltimore.  
 Chas. F. Adal, Cincinnati.

*Belgium.*

\*Auguste Moxhet, New York.  
 †H. E. Lascelles, Eastport.  
 ———, Boston.  
 †Hippolyte Mali, New York.  
 Adolphe E. Borie, Philadelphia.  
 G. O. Gorter, Baltimore.  
 E. O. Nölting, Richmond.  
 †Auguste Branda, Norfolk.  
 Geo. A. Hopley, Charleston.  
 W. O'Driscoll, Savannah.  
 †William G. Porter, Apalachicola.  
 †Th. A. Pinkney, Key West.  
 Charles Auzé, Mobile.  
 James B. Behn, New Orleans.  
 Charles Hunt, St. Louis.  
 M. Hachette, San Francisco.

*Brazil.*

\*A. J. de M. Falcao, New York.  
 John B. Foster, *Com. Agent*, Bangor.  
 †Archibald Foster, { Mass., N. H., and  
                                   { Maine, Boston.  
 †L. F. Figaniere, New York.  
 †Edw. S. Sayres, Philadelphia.  
 C. O. O'Donnell, Baltimore.  
 †Clement Smith, Dist. Columbia.  
 †Herman Baldwin, Richmond.  
 †Myer Myers, Norfolk.  
 †Gustavus Street, Charleston.  
 †Bartholomew Watts, New Orleans.  
 A. C. Paes de Adraede, San Francisco.

*Bremen.*

Edwin A. Oelrichs, New York.  
 Geo. H. Mecke, Philadelphia.  
 \*Alb. Schumacher, Baltimore.

Ant. Ch. Cazenove, Dist. Columbia.  
 E. D. Vass, Norfolk.  
 Lewis Trapman, Charleston.  
 Eleazer Crabtree, Savannah.  
 Fred. Rodenwald, New Orleans.  
 J. Wolff, St. Louis.  
 Diedr. H. Klaener, Galveston.  
 H. G. A. Heymann, San Francisco.

*Brunswick and Luneburg.*

\*G. J. Bechtel, New York.  
 Carl Wendt, Milwaukee.

*Buenos Ayres.*

†N. Frazee, Philadelphia.

*Chili.*

Henrique F. Fallon, Boston.  
 T. W. Riley, New York.  
 R. B. Fitzgerald, Baltimore.  
 Samuel Price, San Francisco.

*Costa Rica.*

\*Royal Phelps, New York.  
 Patrick Grant, Boston.  
 S. Morris Waln, Philadelphia.  
 Samuel H. Greene, San Francisco.

*Denmark.*

\*M. Steen Billé, Philadelphia.  
 G. M. Thacher, { Mass., Me., N. H.,  
                           { and I., Boston.  
 Edw. Beck, { N. Y., Conn., and part  
                   { of N. J., New York.

†Godfrey Weber, Philadelphia.  
 †Hen. G. Jacobsen, Baltimore.  
 †James Dempsey, Alexandria.  
 †P. K. Dickinson, Wilmington, N. C.  
 †James H. Ladson, Charleston.  
 J. F. C. Ules, New Orleans.  
 Joseph Frontin, San Francisco.

*Ecuador.*

\*Aaron H. Palmer, New York.  
 Seth Bryant, Boston.  
 James H. Causten, Washington.  
 Edward F. Sweetser, Philadelphia.  
 †Clement Ballen, San Francisco.

*France.*

\*Felix Lacoste, New York.  
 †Louis Borg, New York.  
 Maxim. Isnard, Boston.

†James Lemonier, Boston.  
 †Fauvel Gouraud, *Cons. Agt.*, Newport.  
 A. Durand St. André, Philadelphia.  
 †Henry Vermot, Baltimore.  
 Alfred Paul, Richmond.  
 †Pascal Schisano, Norfolk.  
 Count X. de Choiseul, Charleston.  
 †R. de Leaumont, Charleston.  
 †L. Barré, Savannah.  
 Aimé Roger, New Orleans.  
 †H. Germain, New Orleans.  
 †H. de St. Cyr, Galveston.  
 J. F. Meline, *Cons. Agt.*, Cincinnati.  
 Patrice Dillon, San Francisco.  
 †Edward Guys, San Francisco.  
 Jules Lombard, *Cons. Agt.*, { Monte-  
 rey, Cal.

*Frankfort on the Maine.*

Fred. Wysmann, New York.  
 Arnold Halbach, Philadelphia.

*Great Britain.*

†W. D. Sherwood, Eastport.  
 James Grignon, { Maine & N.H.,  
 Portland.  
 E. A. Grattan, Boston.  
 †Wm. Elliot, Boston.  
 †C. Grinnell, New Bedford.  
 Anthony Barclay, New York.  
 William Peter, Philadelphia.  
 ———, Baltimore.  
 Francis Waring, Norfolk.  
 †H. C. Smith, Alexandria.  
 George B. Mathew, { N. C. and S.C.,  
 Charleston.  
 †G. W. Davis, Wilmington.  
 W. N. Giffard, { Flor. and Ala.,  
 Mobile.  
 † — O'Hara, Key West.  
 A. L. Molyneux, Georgia.  
 William Mure, New Orleans.  
 Arthur T. Lynn, Galveston.  
 Charles Rowcroft, Cincinnati.  
 George Aikin, San Francisco.

• *Greece.*

Henry G. Andrews, Boston.  
 Leonidas Prassacacki, New York.

*Guatemala.*

\*Bartolome Blanco, New York.  
 Patrick Grant, Boston.  
 S. Morris Waln, Philadelphia.  
 Samuel H. Greene, San Francisco.

*Hamburg.*

Charles N. Buck, Philadelphia.  
 \*Alb. Schumacher, Baltimore.  
 C. H. F. Moering, Boston.  
 Ferdinand Karck, New York.  
 Henry Ludlam, Richmond.  
 Lewis Trapman, Charleston.  
 Henry A. Schroeder, Mobile.  
 William Vogel, New Orleans.  
 J. W. Jockusch, Galveston.  
 Henry Runge, Indianola, Tex.  
 Alfred Godeffroy, San Francisco.

*Hanover.*

\*Edward Stucken, New York.  
 L. H. Myer, New York.  
 John Leppien, Philadelphia.  
 Edward Uhrlaub, Baltimore.  
 H. W. Kuntman, Charleston.  
 James B. Behn, New Orleans.  
 Theodore Schwartz, Louisville.  
 Charles Bollman, Pittsburg.  
 Carl F. Adal, Cincinnati.  
 Adolphus Meier, St. Louis.  
 C. H. H. Papendick, Milwaukee.  
 Julius Frederich, Galveston.  
 Otto Frank, San Francisco.

*Hawaiian Islands.*

\*Sch. Livingston, New York.  
 Granville S. Oldfield, { Md. and Del.,  
 Baltimore.  
 G. S. Oldfield, Jr., San Francisco.

*Electorate of Hesse.*

Conrad W. Faber, New York.  
*Grand Duchy of Hesse, Hesse Darm-*  
*stadt.*

Anton Bollerman, New York.

*Lubec.*

Fred. A. Schumacher, New York.  
 C. H. F. Moering, Boston.  
 Hermann Von Kapff, Baltimore.  
 Friedrich Kirchhoff, New Orleans.

Died. H. Klaener, Galveston.

*Mecklenburg-Schwerin.*

\*L. Herckenrath, Charleston.

Wilhelm Prehn, New Orleans.

H. Schultz, Galveston.

J. de Frenergy, San Francisco.

*Mexico.*

\*Francisco de Arrangoiz, New York.

†J. H. F. Fallen, Boston.

†A. L. Dabelsteen, New Orleans.

†G. G. Stewart, New York.

†Felix Merino, Philadelphia.

†J. A. Pizarro, Baltimore.

†Juan Herbst, Pittsburg.

Andres Castillero, San Francisco.

†William Sleyden, San Francisco.

†Charles Le Baron, Mobile.

Manuel Armendari, New Mexico.

J. J. Castillo, Brownsville, Tex.

*Montevideo.*

Frederic B. Graf, Baltimore.

B. Valls, New Orleans.

*Nassau.*

\*Wilh. A. Kobbe, New York.

Fred. W. Freudenthal, New Orleans.

F. W. Steib, Galveston.

A. V. Von Witzleben, San Francisco.

*Netherlands, or Holland.*

\*J. C. Zimmerman, New York.

†B. H. Dixon, { Mass., Me., N. H.,  
and R. I., Boston.

Henry Bohlen, Philadel'a, Pa. &amp; Del.

Frederic B. Graf, Baltimore.

Th. L. Wragg, Charleston.

†Oliver O'Hara, Key West.

Myer Myers, Norfolk.

J. J. Van Wanroy, { Ala. and Flor-  
ida, Mobile.

P. J. Gildemeester, La. &amp; Mi., N. O.

F. R. Foewater, { Ill., Mo., Ia.,  
St. Louis.

G. Van Steenwijk, Milwaukee.

J. P. H. Gildemeester, San Francisco.

*New Granada.*

\*Jose M. Gaitan, New York.

Greg. Dominguez, New York.

*Nicaragua.*

\*Armory Edwards, New York.

*Oldenburg.*

J. W. Schmidt, New York.

Henry Oelrichs, Baltimore.

Wm. Vogel, New Orleans.

Charles T. Lowndes, Charleston.

Carl F. Adal, Cincinnati.

Julius Frederick, Galveston.

C. H. Papendick, { Wisc., Mich.,  
Iowa, and Min.  
T., Milwaukee.

H. F. Von Lengerke, San Francisco.

*Peru.*

\*Juan Ygnacia de Osma, Wash'n, D.C.

George F. Guild, Boston.

Thomas Galway, New York.

Chapman Biddle, Philadelphia.

James J. Fisher, Baltimore.

Charles Varea, San Francisco.

†Guil. Robinet, San Francisco.

†Manuel J. de los Reyes, Cal.

*Portugal.*

\*M. C. H. S. de la Figanieri, N. York.

†D. Anton. G. Vega, { Ma. and N. H.,  
Boston.

†Archibald Foster, Act., Boston.

W. de F. H. Borges, R. I., Warren.

†August. L. Baptista, Baltimore, Md.

Edw. Smith Sayres, { Pa., Del., & N.  
Jersey, Phil.†Christ. Neale, { Dist. Columbia and  
Alexandria, Va.

†Manoel A. Santos, Norfolk.†

†Henriq. T. Street, Charleston.

†J. G. Doon, Savannah.

Charles Le Baron, Mobile.

†Jose A. Barelli, New Orleans.

John Searle, San Francisco.

*Prussia.*

\*J. W. Schmidt, New York.

†F. A. Hirsch, Boston.

†George Hersey, New Bedford.

G. H. Mecke, Philadelphia.

† And for all other ports in Virginia except Alexandria.

Ludwig Brauns, Baltimore.  
 Lewis Trapman, Charleston.  
 Wilhelm Vogel, New Orleans.  
 Lewis Stanislaus, Cincinnati.  
 J. W. Jockusch, Galveston.  
 E. C. Angelrodt, St. Louis.  
 Alfred Godeffroy, San Francisco.

*Rome, or Pontifical States.*

\*Louis B. Binsse, New York.  
 †Nicholas Reggio, Boston.  
 Edward Frith, Philadelphia.  
 T. Parkin Scott, Baltimore.  
 †J. L. Roger, Charleston.  
 L. C. Daron, New Orleans.

*Russia.*

\*Alex. Evstaphieff, New York.  
 †Geo. E. Runhardt, New York.  
 †Robert B. Storer, Boston.  
 F. Whittle, Norfolk.  
 †Jos. Leland, Charleston.  
 †John R. Wilder, Savannah.  
 †Joseph E. Murrell, Mobile.  
 E. Johns, New Orleans.  
 †J. S. Haviland, Philadelphia.  
 W. Schaer, Baltimore.  
 W. H. Stewart, California.  
 †Peter Kostrominitoff, San Francisco.

*Sardinia.*

\*Louis Mossi, Washington.  
 Antonio Michoud, New Orleans.  
 †Carlo Ferrera, New York.  
 †Nicholas Reggio, { Me., N.H., Mass.,  
 and R.I., Boston.  
 †Vittorio Sartori, { Penn., N.J., and  
 Del., Philad.  
 †E. L. Trenholm, Charleston.  
 †C. A. Williamson, Baltimore.  
 †George Aite, Mobile.  
 Joseph Lanata, New Orleans.  
 †M. Ravena, Galveston.  
 L. A. J. Baptiste Paris, St. Louis.  
 Leonetto Cipriani, San Francisco.

*Saxe Altenburg.*

C. E. L. Heinrichs, New York.

*Saxe Coburg and Gotha.*

C. E. L. Heinrichs, New York.

*Saxe-Weimar.*

vard Stucken, New York.

*Saxony.*

\*Ferdin. L. Brauns, Baltimore.  
 J. W. Schmidt, New York.  
 George H. Mecke, Philadelphia.  
 J. F. C. Ules, New Orleans.

*Spain.*

\*D. Pablo Chacon, Philadelphia.  
 †Henry Merrill, Portland.  
 †Wm. B. Parker, Portsmouth.  
 Don Ant. G. Vega, Boston.  
 N. Kevins, Act., Boston.  
 F. Stoughton, New York.  
 †Jorge Chacon, Philadelphia.  
 †V. de Anto. Larrañaga, { N. C. & S.  
 C., Ch'ston  
 †J. Anto. Pizarro, Baltimore.  
 †W. De Lacy, Norfolk.  
 Fred. B. Lord, Wilmington.  
 †F. Moreno, Pensacola.  
 †Eusebio Gomez, Key West.  
 †John G. Doon, Savannah.  
 †Manuel Crozat, Mobile.  
 J. I. Laborde, New Orleans.  
 J. M. Satrustegui, San Francisco.

*Sweden and Norway.*

\*A. de Lövenskiöld, Washington.  
 †E. L. Benzon, { Me., N. H., and  
 Mass., Boston.  
 G. Nayler Vickers, Act., Boston.  
 T. Zachrisson, New York.  
 †Rich. Seldener, Philadelphia.  
 †Frederic B. Graf, Baltimore.  
 †James Dempsey, Alexandria.  
 †Duncan Robertson, Norfolk.  
 †Fran. H. Wilman, Savannah.  
 †Jos. A. Winthrop, Charleston.  
 †George Wesfeldt, Mobile.  
 Ambrose Lanfear, New Orleans.  
 †Asa F. Tift, Key West.  
 †James P. Meline, Cincinnati.  
 †Polycarpus Von Schneidam, Chicago.  
 †H. L. Hoffman, St. Louis.  
 J. J. L. Henlich, San Francisco.

*Switzerland.*

Louis P. De Luge, { N. England and  
 N.Y., New York.  
 J. Syz, { Penn., New Jersey, and  
 Delaware, Philadelphia.

J. B. Fah,	{ La. & Miss., N. Orleans,	†J. A. Barelli,	New Orleans.
	{ Ala., Tenn., & Ark.		
Ad. E. Bandelier,	St. Louis, Mo.		<i>Uruguay.</i>
P. J. Frans,	{ Mich., Wis., Iowa,	E. S. Tobey,	Boston & Salem.
	{ Min., and Detroit.	†G. F. Darby,	New York.
J. C. Kuhn,	Texas, Galveston.	B. W. Frazier,	Philadelphia.
Nicholas Basler,	{ Ind., Ill., O., Ky.,	Frederic B. Graf,	Baltimore.
	{ Louisville.	†G. L. Lowden,	Charleston.
Theoph. de Rutte,	San Francisco.	†C. J. Mansony,	Mobile.
	<i>Turkey.</i>	†B. Valls,	New Orleans.
Abraham Zipcy,	Boston.	†F. A. Stokes,	Galveston, Tex.
	<i>Tuscany.</i>	S. P. Hamilton,	San Francisco.
W. H. Aspinwall,	New York.		<i>Venezuela.</i>
Carlo G. Manzoni,	New Orleans.	*Victor de la Cora,	Washington.
	<i>Two Sicilies.</i>	Silas G. Whitney,	Boston.
*D. Rocco Martuscelli,	New York.	Joseph Avezzana,	New York.
P. D. Alessandro,	Boston.	Jose C. Keef,	Philadelphia.
†B. D. Potter,	Providence.	S. B. D. Danels,	Baltimore.
†Ira Clisbe,	New Haven.	Aaron Milhado,	Norfolk.
†G. C. Vertu,	New York.	Geo. B. Dieter,	New Orleans.
†C. Gaillard,	Philadelphia.		<i>Wurtemberg.</i>
†A. C. Rhodes,	Baltimore.	*Ferd. L. Brauns,	Baltimore.
†N. E. Fowles,	Dist. Columbia.	Frederick Klett,	Philadelphia.
†G. A. Trenholm,	Charleston.	Leopold Bierwirth,	New York.
†Goffredo Barnsley,	Savannah.	Carl. Fred. Adal,	Cincinnati.
†O. Wolff,	Mobile.	F. Honold,	New Orleans.

## VIII. TITLES AND ABSTRACTS OF THE PUBLIC LAWS,

## PASSED AT THE FIRST SESSION OF THE 32D CONGRESS.

[The references by Chapters are to Little & Brown's authorized edition of the Laws of the United States. The omitted Chapters are private acts.]

*Appropriations for the Years ending June 30, 1852, and June 30, 1853.*

<i>For Civil and Diplomatic Expenses.</i>		For the year ending June 30, 1852.	June 30, 1853.*
<i>Legislative.</i> —	Congress, pay of members,	\$ 835,040.00	\$ 496,128.00
"	" Officers and Clerks of both Houses,	42,560.50	42,557.50
"	Contingent expenses of Senate, including printing and publishing proceedings and debates,	150,000.00	150,000.00
"	Incidental expenses of House, including printing and contingent expenses,	209,971.00	252,960.00
<i>Library of Congress.</i> —Purchase of books, and publication of papers,		9,000.00	105,000.00
"	" Incidental expenses,	5,300.00	5,500.00
<i>Executive.</i> —President and Vice-President of the United States,		25,000.00	25,000.00
Department of State,		88,594.00	76,325.00
Treasury Department,		407,091.75	396,384.00
Department of the Interior,		233,733.69	348,216.00
War Department,		133,490.00	100,465.00
Navy Department,		90,105.00	85,580.00
Post-Office Department,		227,550.00	231,550.00
Amount carried forward,		\$ 2,512,435.94	\$ 2,305,915.50

\* The appropriations for 1853 are not taken from the official document, as it was printed in time, but they are gathered from the public and private acts. They are substantially correct.

Amount brought forward, . . . . .	\$2,512,435.94	\$2,305,915.50
Surveyors and their Clerks, . . . . .	63,920.00	98,720.00
Mint and Branches, . . . . .	187,600.00	242,365.40
Judiciary, . . . . .	744,547.00	796,800.00
Territorial Government, . . . . .	140,100.00	123,965.00
Lighthouse Establishment, . . . . .	529,265.74	659,627.95
Hospitals, . . . . .	90,427.05	173,563.43
Surveys of Public Lands, . . . . .	300,150.00	417,999.57
Intercourse with Foreign Nations, . . . . .	409,900.00	487,568.24
Customs, . . . . .	889,556.00	652,000.00
Coast Survey, . . . . .	810,000.00	386,000.00
Independent Treasury, &c., . . . . .	270,600.00	58,100.00
Public Buildings, including Executive Buildings, . . . . .	870,905.50	554,694.50
Public Lands, . . . . .	172,200.00	186,620.00
Miscellaneous, . . . . .	348,648.07½	1,073,347.96
Total for Civil and Diplomatic Expenses, . . . . .	\$7,340,155.30½	\$8,196,287.60

For deficiencies in appropriations for the years ending June 30, 1851, and June 30, 1852, . . . . .	2,032,835.78	5,434,892.36
Navy Pensions, . . . . .	40,000.00	45,000.00
Invalid and other Pensions, . . . . .	2,151,900.00	1,866,240.00
Military Academy, . . . . .	130,528.00	130,134.00
Army Appropriation, . . . . .	7,506,210.43	7,664,903.48
Navy Appropriation, . . . . .	7,893,814.71	6,958,827.78
Lighthouses, Lightboats, Buoys, &c., . . . . .	253,735.00	725,845.00
Indian Department and Treaty Stipulations with Indian Tribes, . . . . .	872,209.80	2,011,389.86
Post-Office Department, . . . . .	6,550,000.00	7,134,500.00
Lighthouses, . . . . .		561,180.34
Rivers and Harbors, . . . . .		2,124,230.00
Mails by Ocean Steamers, . . . . .		2,290,250.00
Fire at Capitol, Repairing Library and purchasing Books, . . . . .		16,200.00
Rebuilding, . . . . .		72,500.00
Continuance of work on the wings of Capitol, . . . . .		500,000.00
Relief of citizens pardoned by the Queen of Spain, . . . . .		6,000.00
To Mexico in further execution of Art. 12 of the Treaty of Guadalupe Hidalgo, . . . . .		3,180,000.00
To the people of Oregon for expenses in defence against the Cayuse Indians in the years 1847, 1848, . . . . .	100,000.00	
To reduce and modify rates of postage, . . . . .	1,000,000.00	
To establish Military Asylum, . . . . .	118,791.10	
For relief of sundry Individuals, . . . . .	3,829.02	79,545.92
Total, . . . . .	\$35,992,209.23½	\$48,497,486.33

No. 1. Ch. I. *An Act making Appropriations to meet the Expenses incurred in consequence of the late Fire at the Capitol.* The sum of \$5,000, or so much thereof as is necessary, is to be expended by the Commissioner of Public Buildings, in discharge of expenses for extinguishing the late fire, the removal of rubbish, the preservation of books, and the construction of a tin roof upon that part of the building now exposed. \$10,000 are appropriated to purchase books for the Library of Congress, under the direction of the Joint Committee on the Library. January 13, 1852.

No. 2. Ch. II. *An Act to provide a Room for the Congressional Library.* \$1,200 are appropriated to fit up the document room and a portion of the adjoining passage to receive temporarily a portion of the Congressional Library. January 23, 1852.

No. 3. Ch. V. *An Act authorizing the Payment of Interest to the State of New Hampshire, for Advances made for the Use and Benefit of the United States, in repelling Invasion and suppressing Insurrection at Indian Stream, in said State.* The Second Auditor may liquidate and settle the claim of New Hampshire for interest upon expenses incurred and actually expended for the protection of the northeastern frontier in the years 1835, 1836, and 1837, to an amount not exceeding \$6,000; interest to be paid only on sums refunded to the State by the United States, and for no larger sum than the State was paying interest for at the time. January 27, 1852.

No. 4. Ch. VIII. *An Act providing for carrying into Execution in further part the Twelfth Article of the Treaty with Mexico, concluded at Guadalupe Hidalgo.*

\$3,180,000 are appropriated for the instalment and interest due May 30th, 1852. February 10, 1852.

No. 5. Ch. IX. *An Act for the Relief of American Citizens lately imprisoned and pardoned by the Queen of Spain.* § 6,000, or so much thereof as may be necessary, to be expended under the direction of the President, for such of said citizens as are out of the limits of the United States, — *provided* that nothing in this act shall be construed into an appropriation of any interference in the domestic affairs of Cuba by any of the citizens of the United States. February 10, 1852.

No. 6. Ch. XI. *An Act to provide for the Appointment of a Superintendent of Indian Affairs in California.* The sixth section of the act of 1822, ch. 53, and the fifth section of the act of 1824, ch. 146, are revived and extended to the State of California, to establish a Superintendency of Indian Affairs for that State. A Superintendent of Indian Affairs is to be appointed at an annual salary not exceeding \$4,000, with a clerk at a salary not exceeding \$2,500 per annum. The powers and duties of the Superintendent shall be the same as those of the Superintendent of Indian Affairs at St. Louis, Mo., and he shall exercise an "administrative examination over all claims and accounts and vouchers for disbursements, connected with Indian affairs in California," — such claims, &c. to be transmitted to the Commissioner of Indian Affairs for final adjudication, and passed to the proper Treasury officers for settlement. March 3, 1852.

No. 7. Ch. XII. *An Act to extend the Time for selling the Lands granted to the Kentucky Asylum for teaching the Deaf and Dumb.* Time extended for five years. March 11, 1852.

No. 8. Ch. XV. *An Act to provide for the Repair of the Congressional Library Room, lately destroyed by Fire.* \$72,500 appropriated, — the work to be executed under the direction of the Secretary of the Interior. March 19, 1852.

No. 9. Ch. XIX. *An Act to make Land Warrants assignable, and for other Purposes.* All warrants for military bounty land, which have been or may hereafter be issued under any law of the United States, and all valid locations of the same which have been or may hereafter be made, are made assignable, by an instrument of writing made and executed after the taking effect of this act, according to such form and regulations as may be prescribed by the Commissioner of the General Land Office, so as to vest the assignee with all the rights of the original owner of the warrant or location. Any person entitled to preëmption right to any land may use any such land warrant in payment for the same, at \$1.25 per acre, for the quantity of land therein specified. Warrants which have been or may hereafter be issued in pursuance of said laws, or of this act, may be located according to the legal subdivisions of the public lands, in one body, upon any lands of the United States subject to private entry at the time of such location, at the minimum price. When said warrants shall be located on lands which are subject to entry at a greater minimum than \$1.25 per acre, the locator shall pay to the United States in cash the difference between the value of such warrants at \$1.25 per acre and the tract of land located on.

Registers and receivers of the land offices may hereafter charge for their services in locating all military bounty land warrants issued since February 11, 1847, the same compensation to which they are entitled by law for sales of the public lands for cash, at the rate of \$1.25 per acre, the said compensation to be hereafter paid by the assignees or holders of such warrants; and they, or their legal representatives in case of death, shall receive from the United States, for services heretofore performed in locating military bounty land warrants, the same rate of compensation, after deducting the amount already received by such officers under the act of May 17, 1848. But no register or receiver shall receive any compensation out of the treasury for past service, who has received illegal fees for the location of such warrants; nor shall he receive for his services during any year a greater compensation than the maximum now allowed by law.

In all cases where the militia or volunteers, or State troops of any State or Territory, were called into military service, and their services have been paid by the United States subsequent to June 18, 1812, the officers and soldiers of such forces shall have all the benefits of the act of September 23, 1850, and shall receive lands for their services according to said act, upon



proof of length of service as therein required. In computing the length of service, one day shall be allowed for every twenty miles which any organized body of troops marched from the place of organization to the place where they were mustered into the service of the United States, or from the place where they were discharged to the place where they organized. The last proviso of the ninth section of the act of February 11, 1847, is hereby repealed. Nothing herein contained shall authorize bounty land to those who have heretofore received or become entitled to the same. March 22, 1852.

No. 10. Ch. XX. *An Act amendatory of the Act entitled "An Act to provide for holding the Courts of the United States in Case of the Sickness or other Disability of the Judges of the District Courts," approved July 29, 1850.* The authority conferred by said act may be exercised by any Circuit Judge, or by the Chief Justice, when, upon the certificate of the clerk of the Circuit or District Court, under the seal of the court, it shall satisfactorily appear to such judge that the public interests, from the accumulation or urgency of judicial business in any district, require it. The District Judge so designated shall have the powers of the District Judge resident therein. Each of said judges may separately hold a District or Circuit Court at the same time in such district, and discharge all the judicial duties of a District Judge therein. No such District Judge shall hear appeals from the District Court. April 2, 1852.

No. 11. Ch. XXIV. *An Act to extend the Time for selecting Lands granted to the State of Wisconsin for Saline Purposes.* The time for selecting said lands under the act of August 6, 1846, sec. 7, is extended to January 1, 1854. May 4, 1852.

No. 12. Ch. XXV. *An Act to change the Time of holding the United States District Courts in Alabama, and for other Purposes.* For the times and places of holding the United States District Courts in Alabama, see *ante*, p. 125. The county of Butler will hereafter be embraced in the Middle District of said State. May 4, 1852.

No. 13. Ch. XXXIII. *An Act concerning the Sessions of the Courts of the United States in the District of Delaware.* For the times and places of holding said courts in Delaware, see *ante*, pp. 124, 125. The clerk's office of said courts shall be kept at Wilmington or Newcastle, as the judges may order. May 10, 1852.

No. 14. Ch. XXXV. *An Act to authorize the Legislature of the State of Mississippi to sell the Lands heretofore appropriated for the Use of Schools in that State, and to ratify and approve the Sales already made.* The Legislature of Mississippi, with the consent of the inhabitants of the township or district, to be obtained as the Legislature may by law direct, may sell, or lease, all or any part of the lands reserved by Congress for the use of schools in said State, and invest the same for the use of schools within the several townships and districts for which they were originally set apart, and for no other purpose, applying in all cases the money arising from sales of lands within any district or township, to the schools in said township or district. Former sales of such lands by the Legislature are ratified and confirmed. May 19, 1852.

No. 15. Ch. XXXVI. *An Act to regulate the Mileage of the Delegate from the Territory of Oregon.* The clause of the act of August, 1848, which limits the mileage compensation of said Delegate, is repealed. May 19, 1852.

No. 16. Ch. XXXVII. *An Act to legalize certain Entries of Public Land made in the State of Florida.* Certain entries of land at the land office at Newnansville, Florida, are confirmed, if upon the faith of the register's certificate they have been improved by the party in interest under such certificate, and if the said land is not claimed by adverse parties. May 26, 1852.

No. 17. Ch. XLII. *An Act to relinquish to the State of Iowa the Lands reserved for Salt Springs therein.* The salt springs and adjoining sections of land, the use of which was granted to Iowa by the act of March 3, 1845, are granted to said State. The rights of third parties are to be protected. If any of the lands are legally claimed under preemption rights, the State may select other lands in lieu thereof. May 27, 1852.

No. 18. Ch. XLIII. *An Act to grant to certain settlers on the Menomonee Purchase, north of Fox River, in the State of Wisconsin, the Right of Preemption.* Every head of a family, widow, or single man, over 21 years, who, June 1, 1852, was an actual settler and

housekeeper, and had made other improvements, shall have, on such of said lands as are subject to sale at the minimum price of \$1 25 per acre, preëmption rights, similar to those granted by the act of September 4, 1841. May 27, 1852.

No. 19. Ch. XLIV. *An Act providing for the holding of the District Court of the District of Columbia in Cases of Sickness or other Disability of the District Judge.* In case said disability is duly certified by the clerk under the seal of the court to the Assistant Judges of the Circuit Court of said District, the senior Assistant Judge of said court, and, in case of his disability, the junior Assistant Judge, shall perform the judicial duties. The said judges, and each of them, are authorized to exercise original jurisdiction in admiralty cases, for the purposes of this act. The said Associate Judge may hear appeals, &c. from his own decision in the District Court. May 27, 1852.

No. 20. Ch. XLV. *An Act granting the Right of Way to the State of Missouri and a Portion of the Public Lands to aid in the Construction of certain Railroads in said State.* The railroads are from Hannibal to St. Joseph, and from St. Louis to the western boundary of the State. The necessary land is to be taken for the way, for stations, &c., and earth, stone, and timber for the construction thereof, from the lands of the United States adjacent to such railroads. A copy of the location of the roads to be forwarded to the proper land offices and to Washington within 90 days from its completion. To aid in the construction of the road, alternate sections (even numbers) for six sections in width on each side are granted to the road. If any of the sections have been previously sold, or are held under preëmption rights, the States, with the approval of the Secretary of the Interior, may select an equivalent amount of land in alternate sections, anywhere within 15 miles of the line of the road. Former reservations of any of this land are secured from this act except for the right of way. The lands thus granted shall be held by the State and disposed of solely for the purposes of the roads, and the sections of land remaining to the United States, within six miles of the line of the roads, shall not be sold for less than double the minimum price of public lands. The railroads shall be public highways for the United States, free from any charge for the transportation of United States troops or property, and the mail shall be carried over the roads at such price as Congress may direct.

The lands shall be disposed of as follows:—A quantity of land not exceeding 120 sections on each road, and included within a continuous length of 20 miles of said road, may be sold; and when the Governor of said State shall certify to the Secretary of the Interior that said 20 miles of said road are completed, then another like quantity of the land may be sold; and so from time to time, until said road is completed; and if said road be not completed within ten years, no further sales shall be made, and the land unsold shall revert to the United States. June 10, 1852.

No. 21. Ch. XLVI. *An Act giving the Assent of Congress to the State of Missouri to impose a Tax or Taxes upon all Lands hereafter sold by the United States therein, from and after the Day of such Sale.* June 10, 1852.

No. 22. Ch. XLIX. *An Act relating to the Salaries of Officers of the Territories of the United States.* No salary shall be paid any officer of any Territory, if absent therefrom and from the duties of his office, during the year such absence shall occur, unless good cause be shown therefor to the President, who shall officially certify the same to the proper accounting officer of the Treasury. This shall not prevent the payment of the salaries of the Chief Justice, Associate Justice, and Secretary of State of the Territory of Utah, who have withdrawn from said Territory for reasons set forth in their report to the President of the United States. June 15, 1852.

No. 23. Ch. LI. *An Act making an Appropriation for the Payment of Navy Pensions for the Year ending June 30, 1853.* \$45,000 are appropriated for invalid pensions. June 19, 1852.

No. 24. Ch. LIII. *An Act to amend an Act entitled "An Act to carry into Effect the Convention between the United States and the Emperor of Brazil, of the 27th January, 1849," approved March 29, 1850.* The Secretary of the Treasury, in discharging the awards made by the commissioner under the act of March 29, 1850, which is hereby amended, shall, in all cases to which the same shall apply, be governed by the provisions of the eighth sec-

tion of the act of March 3, 1849, to carry into effect the treaty with Mexico, in the same manner as if said eighth section had been originally a part of said act hereby amended: *Provided*, That any party who shall desire to avail himself of the provisions of the said eighth section shall notify the Secretary of the Treasury thereof, within five days from the passage of this act, or from the date of said award of the commissioner to adjust the claims against Brazil. July 3, 1852.

No. 25. Ch. LIV. *An Act to establish a Branch of the Mint of the United States in California.* A branch of the mint shall be established in California, to be located by the Secretary of the Treasury, for the coinage of gold and silver. Suitable buildings for carrying on its business shall be procured or erected by contract, the whole expense thereof, including machinery, not to exceed in the gross \$300,000, and the contractors shall give sureties satisfactory to the President or Secretary of the Treasury. The following officers shall be appointed by the President: a superintendent, treasurer, assayer, melter and refiner, and coiner. The superintendent may employ clerks and workmen. Until June 30, 1855, the salaries of said officers and clerks shall be as follows: To the superintendent and treasurer, \$4,500 each; to the assayer, melter and refiner, and coiner, \$3,000 each; to the clerks, \$2,000 each; to the subordinate workmen, such wages and allowances as are customary and reasonable, according to their respective stations and occupations.

The officers and clerks shall be sworn to the performance of their duties, and shall give bonds therefor, in sums satisfactory to the Secretary of the Treasury, or Director of the Mint, or U. S. District Attorney for California. The general direction of the business of said mint shall be under the control of the Director of the Mint at Philadelphia, subject to the approbation of the Secretary of the Treasury. For that purpose the director shall prescribe such regulations, and require such returns periodically and occasionally, as shall appear to him necessary to carry this act into effect, to discriminate the coin which shall be stamped at said branch and at the mint itself, and to preserve uniformity of weight, form, and fineness, in the coins stamped at said branch; and for that purpose to require the transmission and delivery to him at the mint, from time to time, of such parcels of the coinage of said branch as he shall think proper, to be subjected to such assays and tests as he shall direct.

All laws and parts of laws now in force for the regulation of the mint of the United States, and for the government of the officers and persons employed therein, and for the punishment of all offences connected with the mint or coinage of the United States, are hereby made of full force in relation to the said branch mint, so far as the same may be applicable thereto.

No permanent location of said mint shall be made, or buildings erected therefor, until the State of California shall pledge the faith of the State that no tax shall, at any time, be laid, assessed, or collected by the said State on the said branch mint, or buildings, or fixtures and machinery, or lands; but nothing in this section contained shall be understood as implying an admission that any such power of taxation rightfully exists. The said branch mint shall be the place of deposit for the public moneys collected in the custom-houses in the State of California, and for such other public moneys as the Secretary of the Treasury may direct; and the treasurer of said branch mint shall perform the duties of an Assistant Treasurer, and for that purpose shall be subject to all the provisions of the act of August 6, 1846, relating to the treasurer of the branch mint at New Orleans.

If required by the holder, gold in grain or lumps shall be refined, assayed, cast into bars or ingots, and stamped in said branch mint, or in the mint of the United States, or any of its branches, in such manner as may indicate the value and fineness of the bar or ingot, which shall be paid for by the owner or holder of said bullion, at such rates and under such regulations as the director of the mint, under the control of the Secretary of the Treasury, may from time to time establish.

As soon as the said branch mint is established, and public notice given thereof, so much of the appropriation act for the year ending June 30, 1851, as provides for the appointment of an assayer, and the contracting for the assaying and fixing the value of gold in grain or lumps, and for forming the same into bars, and the whole of the clause containing said provisions, are hereby repealed. July 3, 1852.

No. 26. Ch. LV. *An Act to amend an Act entitled "An Act for the Punishment of Crimes in the District of Columbia."* The penalties of the 3d section of the act of March 2, 1831, are extended to the malicious or wilful burning, or the attempting to burn, with the intent to defraud, of any house or outhouse, whether occupied or unoccupied for any purpose. July 3, 1852.

No. 27. Ch. LVII. *An Act making Appropriations for the Payment of Invalid and other Pensions of the United States, for the Year ending June 30, 1853.* \$1,366,240 are appropriated. July 12, 1852.

No. 28. Ch. LVIII. *An Act to supply a Deficiency to the State of Indiana, in a Township of Land granted to said State for the Use of a State University, by an Act of Congress approved April 19, 1816.* There shall be supplied to said State 4,166 acres of land found to be deficient in the original grant, and otherwise appropriated by Congress; said lands to be selected from any lands now in market in said State belonging to the United States, the proceeds of which shall be appropriated solely to the use of said State University, and shall never be diverted to any other purpose whatever. July 12, 1852.

No. 29. Ch. LIX. *An Act to release from Reservation, and restore to the Mass of Public Lands, certain Lands in the State of Arkansas.* The lands in Arkansas heretofore reserved for the satisfaction of military warrants under the war of 1812, and now unsold, are released from such reservation, and restored to the mass of public lands. Persons entitled to preemption rights under the act of Sept. 4, 1841, may enter the same, upon proof of such right, at the minimum price, within a year from the passage of this act, or before the day of sale of said lands. The titles to such of these lands as have been inadvertently, but in good faith, sold, are confirmed. All said warrants which have not been satisfied may be located on any of the public lands subject to private entry at the time of the location of the same. July 12, 1852.

No. 30. Ch. LX. *An Act to amend an Act entitled "An Act providing for the Sale of certain Lands in the States of Ohio and Michigan, ceded to the Wyandott Tribe of Indians, and for other Purposes," approved March 3, 1843.* The 5th section of said act is amended so that all such lands shall be exposed at public sale to the highest bidder, when the Commissioner of the Land Office shall direct, at the minimum price of \$2.50 per acre. July 12, 1852.

No. 31. Ch. LXI. *An Act to enable the Legislature of the State of Indiana to dispose of the unsold Saline Lands in said State.* So much of the act of July 3, 1832, as provides that said lands shall not be sold for a less price than that at which the public lands are sold, is repealed. July 12, 1852.

No. 32. Ch. LXII. *An Act in relation to a certain Lot of Land in the Town of Gnadenhutten, in the State of Ohio.* The lot of land in the town of Gnadenhutten, heretofore reserved under the act of May 26, 1824, for the purpose of a market square, may be used for any other public purpose, upon such terms as shall be prescribed by the Secretary of the Interior, in order to secure the rights of all parties interested therein. July 12, 1852.

No. 33. Ch. LXVI. *An Act to supply Deficiencies in the Appropriations for the Service of the Fiscal Year ending June 30, 1852.* \$5,434,892.36 are appropriated. The floating dry dock at San Francisco may be used for merchant-ships when not employed by the government, for such compensation as the Secretary of the Navy may direct. No part of the appropriations herein made for the benefit of any Indians shall be paid to any attorney or agent, but shall, in every case, be paid directly to the Indians themselves, to whom it shall be due, *per capita*, unless the imperious interest of the Indians shall require the payment to be made collectively. Nor shall the Executive hereafter recognize any contract between any tribe or part of a tribe and any attorney or agent for the prosecution of any claim against the government under this act. The Secretary of the Treasury may select a new site in San Francisco for a custom-house, in exchange for a reasonable portion of the government reserve in said city, or, in lieu thereof, for \$40,000. July 21, 1852.

No. 34. Ch. LXVII. *An Act to authorize the Mayor and Common Council of Chicago, Illinois, to excavate a Portion of the Public Reservation at that Place, with a View to the Improvement of the Navigation of Chicago River.* July 21, 1852.

No. 35. Ch. LXVIII. *An Act to authorize the President of the United States to designate the Places for the Ports of Entry and Delivery for the Collection Districts of Puget's Sound and Umpqua, in the Territory of Oregon, and to fix the Compensation of the Collector at Astoria, in said Territory.* The salary of the collector at Astoria shall be \$3,000 per annum as a maximum, including the fees of his office, to commence from the 1st of July, 1850. July 21, 1852.

No. 36. Ch. LXXIV. *An Act supplementary to "An Act providing for the taking of the seventh and subsequent Censuses of the United States, and to fix the Number of the Members of the House of Representatives, and to provide for their future Apportionment among the several States," approved May 23, 1850.* The number of representatives is increased to 234. In future decennial enumerations, if the census of any district is improperly taken or returned, the Secretary of the Interior may order a new enumeration in such district. July 30, 1852.

No. 37. Ch. LXXV. *An Act to establish additional Land Districts in the State of Wisconsin.* Two new districts, called Stevens's Point and La Crosse Districts, are constituted, with a land office at each place. The act is not to take effect within six months from its passage. July 30, 1852.

No. 38. Ch. LXXVII. *An Act to create three additional Land Districts in Iowa.* The districts are named the Chariton, Northern, and Missouri River Districts. August 2, 1852.

No. 39. Ch. LXXVIII. *An Act to protect actual Settlers upon the Land on the Line of the Central Railroad and Branches by granting Preemption Rights thereto.* Present actual settlers and occupants, who on the 20th of September, 1850, had such actual settlement and improvement as would have entitled them to a right of preemption under the act of the 4th of September, 1841, but for failure to give the requisite notice under that law, or to file proof within due time, on any lands now owned by the United States within the limits reserved from sale by the act of the 20th of September, 1850, may purchase, at prices established by law, and in legal subdivisions, not less than 40 nor more than 160 acres of land on which the improvements are situated, provided that they shall, before the offering of the lands for public sale, have filed with the proper register a notice describing the land by its numbers, and make the necessary proof, affidavit, and payment for the land within twelve months from the date of this act. A right of way not exceeding 200 feet in width, across any part of said land, shall be reserved for the Central Railroad and branches, as they may be located and constructed. August 2, 1852.

No. 40. Ch. LXXIX. *An Act to amend an Act entitled "An Act to incorporate the Washington Gas-light Company," approved July 8, 1848.* August 2, 1852.

No. 41. Ch. LXXX. *An Act to grant the Right of Way to all Rail and Plank Roads and Macadamized Turnpikes passing through the Public Land belonging to the United States.* All such companies, now, or within ten years hereafter, chartered, may take a tract of such lands, 100 feet wide, as located in their charter, and in deep excavations or heavy embankments they may take 200 feet wide. They may take from the public lands in the vicinity materials necessary or convenient for the first construction of the roads. They may take land for sites of depots, shops, &c., of not more than one acre each, and no two on any road nearer than ten miles. Only such lands as are held for private entry and sale can be so taken. Plans and surveys of the lands taken must be filed with the Land Commissioner before they are operative. All roads must be begun within 10 and completed within 15 years from the passage of this act. If the roads are discontinued, the grants revert to the government. The right of way is granted to the Lockport and Buffalo Railroad Company, through the public lands in Black Rock, Erie County, New York, if the President deems it not injurious to the public interest. Such grant to cease unless the road is completed within two years, or if it is at any time discontinued. August 4, 1852.

No. 42. Ch. LXXXI. *An Act making Appropriations for the Support of the Military Academy for the Year ending the 30th of June, 1853, and for other Purposes.* \$130,134 are appropriated. The assistant professors of French and drawing shall hereafter receive the same pay and emoluments as other assistant professors. \$50,000 are also appropriated for the *per diem* and mileage of members of the Senate and House of Representatives. August 6, 1852.

No. 43. Ch. LXXXV. *An Act to amend an Act entitled "An Act to settle and adjust the Expenses of the People of Oregon in defending themselves from Attacks and Hostilities of Cayuse Indians, in the Years 1847 and 1848," approved February 14, 1851. The amount found due to the persons named in Aaron E. Wait's report is to be paid to them or their legal representatives. August 21, 1852.*

No. 44. Ch. LXXXVII. *An Act to confirm to the State of Michigan certain Lands selected for Saline Purposes. August 15, 1852.*

No. 45. Ch. XCI. *An Act to provide for executing the Public Printing, and establishing the Prices thereof, and for other Purposes.* A Superintendent of Public Printing shall be appointed, at a salary of \$2,500 per annum, and to give bonds in \$20,000. The first Superintendent shall hold office until the beginning of the Thirty-third Congress; those afterwards appointed shall hold office for two years, commencing with the first day of the session of each Congress. He shall be a practical printer, versed in the various branches of the arts of printing and book-binding, nor shall he be interested directly or indirectly in any thing connected with the business of his office; if so, he shall forfeit his office and be liable to fine and imprisonment. He shall receive all matter to be printed at the public expense, deliver the same to the public printer, see that the printing is executed with neatness and despatch, and report all failures and delinquencies of the public printer. His certificate of the amount due the public printer for work shall be payable to the said printer at the Treasury, and not assignable or transferable to any third party.

The Superintendent shall advertise annually in one or more newspapers of general circulation in the principal cities, for sixty days prior to the 1st of December, for sealed proposals for paper for printing, specifying the quality and quantity. The proposals shall be opened in the presence of the President of the Senate and Speaker of the House on the first Tuesday after the first Monday of December, or as soon thereafter as a Speaker shall have been elected, and the contract shall be awarded to the lowest bidder. Bidders shall offer samples with their proposals, which the Superintendent shall use as a standard. He shall deliver the paper to the public printer, charging him therewith, and shall credit him with the quantity used in the public service. This account shall be balanced at least once in each year. If a contractor fails to perform his contract, it shall be relet, and the difference of cost, if any, charged to the contractor and his sureties, and their bond shall be put in suit in the District of Columbia.

A public printer shall be elected for each house of Congress, to do the public printing for the branch for which he is chosen, and to do such other public printing as the Superintendent delivers to him. He shall, unless a shorter time is required, execute each job of printing in 30 days from its delivery, unless for good cause shown the Superintendent shall extend the time. If the printer detains any matter longer than 30 days, five per cent. shall be deducted from the amount of his job; and an additional five per cent. for an additional detention of 20 days. If the matter is detained 60 days, the Superintendent shall withdraw it entirely, and give it to some other printer, and the public printer shall not be allowed therefor. During the session of Congress, the public printers must work at night as well as through the day, if the exigencies of the public service require.

When any document shall be ordered to be printed by both houses of Congress, the entire printing of such document shall be done by the printer of that house which first ordered the same. And whenever the same person or the same firm shall be printer for both houses of Congress, and both houses shall order the same document to be printed within three weeks of the same time, composition shall be charged but once for said document; and no sum shall be paid to said printer for altering the headings from the form in which he printed them first, to the form or forms in which such documents shall afterwards be printed.

There shall be a joint committee on the public printing, consisting of three members from each house, appointed by the presiding officers thereof, who shall act as umpires in cases of disputes between the Superintendent of Printing and the public printers, and who shall pass upon the accounts of the Superintendent. They shall have power to adopt measures to remedy any delay in the public printing, but shall make no contract, &c., until approved by one or both branches of Congress, as the case may be.

The rates of pay for printing shall be:—1st. For bills and joint resolutions, 50 cents per page for *composition*, and  $3\frac{1}{4}$  cents per page for 580 copies, and at same rate for not over 1,000 copies, for *presswork, folding, and stitching*.

2d. For reports, journals, executive documents, treaties, &c., &c., for *composition* per page octavo:—For small pica, plain, \$1.00; small pica, rule, \$1.50; for brevier, plain, \$1.50; brevier rule, \$2; for Nonpareil rule, \$3.75; for the composition of tables larger than octavo, 70 cents per 1,000 ems. The page of octavo size shall contain not less than 1,600 ems when printed in small pica; and the body of all plain matter shall be so printed, except extracts, yeas and nays, and addenda, which shall be printed in brevier; and when matter is leaded, the composition shall be counted as if solid. For *presswork, folding, and stitching*:—For royal octavo,  $3\frac{1}{4}$  cents per page, and if larger than royal octavo, \$1.25 per page, for 1,250 copies, and at the same rate for not exceeding 1,500 copies.

3d. For tabular statements of the orders of the day, lists of yeas and nays, circular letters, and miscellaneous printing, for composition, 50 cents per 1,000 ems. For *presswork, folding, and stitching* 100 copies, per page:—For royal octavo, or smaller size, 10 cents; for quarto post, 20 cents; for foolscap and any larger size, 20 cents.

Deductions shall be made from the presswork, folding, and stitching extra numbers, as follows:—Two per cent. when the numbers are between 5,000 and 10,000; 5 per cent. when between 10,000 and 20,000, and 40 per cent. when over 20,000.

The presswork, folding, and stitching of all printing not herein provided for shall be done by the ream, at \$2 per ream when printed on one side, and \$4 per ream when printed on both sides; when any amount less than one ream is ordered, it shall be counted one ream.

Documents shall be printed in octavo, on paper weighing not less than 56 pounds for every 480 sheets, and measuring 24 by 38 inches; and the extra numbers shall be printed on paper weighing not less than 45 pounds for every 480 sheets, and measuring 24 by 38 inches. The paper for any other species of printing ordered by Congress may be of such size and quality as the Superintendent of the Public Printing may deem suitable and proper. August 26, 1852.

No. 46. Ch. XCII. *An Act granting to the State of Michigan the Right of Way and a Donation of Public Land for the Construction of a Ship Canal around the Falls of St. Mary's in said State.* 400 feet of land in width are given along the line of the canals, and 750,000 acres beside. The canal is to be at least 100 feet wide, 12 feet deep, and the locks shall be at least 250 feet long and 60 feet wide. The land and its proceeds shall be used only for the purposes of the canal, and the canal shall be used by the United States free of tolls. If the canal is not begun in 3 years, and completed in 10, the State shall pay the United States what it has received from the sale of said lands, at not less than \$1.25 per acre. Until the State is reimbursed for the cost of said canal, it may charge toll for its use, but afterwards only enough to keep it in repair. The State cannot dispose of any of the lands until the route of the canal, &c. is filed with the War Department. August 26, 1852.

No. 47. Ch. XCV. *An Act to reduce and define the Boundaries of the Military Reserve at the St. Peter's River, in the Territory of Minnesota.* August 26, 1852.

No. 48. Ch. XCVI. *An Act authorizing imported Goods, Wares, and Merchandise, entered and bonded for Warehousing in Pursuance of Law, to be exported by certain Routes to Ports or Places in Mexico.* Any imported goods in the original packages, duly entered and bonded under the warehousing act of August 6, 1846, may be withdrawn from warehouse at any time within two years from the original importation for immediate exportation, without payment of duties, under the provisions of the said act, to Chihuahua, in Mexico, by the routes designated in act of March 3, 1845. § 1, or by such other routes as the Secretary of the Treasury may designate. Any imported merchandise duly entered and bonded at Point Isabel, or imported and bonded at any other port of the United States, and transported thence in bond, and duly re-warehoused at Point Isabel, may be withdrawn from warehouse at any time within two years from its original importation into the United States for immediate exportation, without payment of duties, to ports and places in Mexico, by land or water, or by such routes as may be designated. Any imported merchandise duly entered and bonded at any port of the United States may be withdrawn from warehouse at

any time within two years from its importation without payment of duties, in pursuance of the provisions of the said act, for immediate exportation for San Fernando, Paso del Norte, and Chihuahua, in Mexico, through the port of La Vaca, in Texas, and be transhipped inland, thence to San Antonio, in said State, and from the latter place to the destinations in Mexico aforesaid, either by way of Eagle Pass, the Presidio del Norte, or San Elizario, all on the Rio Grande. The Secretary of the Treasury may prescribe such regulations as he may deem proper and necessary, respecting the packing, marking, inspection, and proof of due delivery at their foreign destinations, of the imports authorized by this act to be exported, and for the due protection in other respects of the public revenue. He shall appoint inspectors, not exceeding four in number, at a salary of \$250, to reside at such points on the routes as he may designate, who shall report, in detail, semiannually to him, concerning all the trade that passes under inspection.

No goods, wares, or merchandise exported as above out of the limits of the United States, shall be voluntarily landed or brought into the United States. If landed or brought into the States, they shall be forfeited, and every person concerned in the said voluntary landing or bringing such goods shall be liable to a penalty of \$400. August 30, 1852.

No. 49. Ch. XCVII. *An Act to provide for a Tri-monthly Mail from New Orleans to Vera Cruz, via Tampico, and back, in Steam-vessels.* The Postmaster-General may contract for a term of five years, and for a sum not exceeding \$100,000 a year, with persons offering satisfactory security, after due public notice, for the transportation of the mails of the United States, upon the best terms for the United States, three times a month from New Orleans, via Tampico, to Vera Cruz and back, in steam-vessels of not less than 800 tons burden, of the best form of construction, adapted to war purposes and to the navigation of the Southern waters, the same to be ready in the shortest possible time. August 30, 1852.

No. 50. Ch. XCVIII. *An Act to amend the Act entitled "An Act to reduce and modify the Rates of Postage in the United States, and for other Purposes," passed March 3, 1851.* For rates of postage, &c., &c., see *post*, p. 189. Whenever any printed matter of any description, received during one quarter of the fiscal year, shall have remained in the office without being called for during the whole of any succeeding quarter, the postmaster at such office shall sell the same and credit the proceeds of such sale in his quarterly accounts, under such regulations and after such notice as the Post-Office Department may prescribe. When a list of uncalled-for letters shall be published in any newspaper printed in any foreign language, it shall be published in such newspaper having the largest circulation within the range of delivery of said office. August 30, 1852.

No. 51. Ch. CI. *An Act for the Relief of the Wilmington and Manchester Railroad Company.* The payment of the duties, except fees of officers of customs, on all iron necessary to construct the road is extended for four years, upon the road giving its bonds, with good personal security, to be approved by the United States District Judges for North and South Carolina, for the payment of the same with 6 per cent. interest, and upon its further agreeing to transport the mails according to law and the regulations of the Post-Office Department, — the pay for such transportation during the said four years to be reserved and applied in payment of the said duties. August 30, 1852.

No. 52. Ch. CII. *An Act to create an additional Land Office in the Territory of Minnesota.* The new district is to be called the Sauk River District. August 30, 1852.

No. 53. Ch. CIII. *An Act making Appropriations for the current and contingent Expenses of the Indian Department, and for fulfilling Treaty Stipulations with various Indian Tribes, for the Year ending June 30, 1853.* \$2,011,399.85 are appropriated.

The provisions of the Act No. 33, *ante*, p. 145, against paying money due the Indians to any agent, &c., are retracted in this act. August 30, 1852.

No. 54. Ch. CIV. *An Act making Appropriations for the Improvement of certain Harbors and Rivers.* \$2,124,290 are appropriated. August 30, 1852.

No. 55. Ch. CV. *An Act making Appropriations for the Transportation of the United States Mails by Ocean Steamers and otherwise, during the fiscal Year ending June 30th, 1853.* \$2,290,250 are appropriated. August 30, 1852.



No. 56. Ch. CVI. *An Act to amend an Act entitled "An Act to provide for the better Security of the Lives of Passengers on board of Vessels propelled in whole or in part by Steam," and for other purposes.* [The amended act is the act of July 7, 1838, Ch. 191.] No license, register, or enrolment under the provisions of this or the act to which this is an amendment shall be granted, or other papers issued by any collector to any vessel propelled in whole or in part by steam, and carrying passengers, until he shall have satisfactory evidence that all the provisions of this act have been fully complied with; and if any such vessel shall be navigated, with passengers on board, without complying with the terms of this act, the owners thereof for each offence shall forfeit and pay \$500 to the United States, one half for the informer, and the vessel itself shall be liable for said sum or sums, and may be seized summarily, by way of libel, therefor.

The inspectors of the hulls of steamers, and of boilers and engines, appointed under this act, shall see that suitable provisions are made throughout such vessels to guard against loss or danger from fire, and no license or other papers on any application shall be granted if the provisions of this act for preventing fires are not complied with, or if any combustible material shall be placed less than 18 inches distant from any heated metal or other substance likely to cause ignition, unless a column of air or water intervenes, sufficient at all times and under all circumstances to prevent ignition, and when wood is so exposed to ignition, as an additional preventive, it shall be shielded by some incombustible material in such manner as to leave the air to circulate freely between such material and the wood. When the structure of such steamers, or the arrangement of the boilers or machinery, is such that the requirements aforesaid cannot without serious inconvenience or sacrifice be complied with, inspectors may vary therefrom if in their judgment it can be done with safety.

Every vessel so propelled by steam and carrying passengers shall have not less than three double-acting forcing-pumps, with chambers at least four inches in diameter, two to be worked by hand and one by steam, if steam can be employed, otherwise by hand; one whereof shall be placed near the stern, one near the stem, and one amidship; each having a suitable well-fitted hose, of at least two thirds the length of the vessel, kept at all times in perfect order and ready for immediate use; each of which pumps shall also be supplied with water by a pipe connected therewith, and passing through the side of the vessel, so low as to be at all times in the water when she is afloat. In steamers not exceeding 200 tons measurement, two of said pumps, and in steamers of over 200 and not exceeding 500 tons, one of said pumps, may be dispensed with.

Such vessel shall have at least two good and suitable boats, supplied with oars, in good condition at all times for service, one of which boats shall be a life-boat made of metal, fire-proof, and in all respects a good, substantial sea-boat, capable of sustaining, inside and outside, fifty persons, with life-lines attached to the gunwale, at suitable distances. Every such vessel of more than 500 and not exceeding 800 tons, shall have three life-boats; and if of more than 800 and not exceeding 1,500 tons, shall have four life-boats; and if of more than 1,500 tons, shall have six life-boats; all of which boats shall be well furnished with oars and other necessary apparatus. But the inspectors may exempt steamers navigating rivers only from the obligation to carry more than one life-boat, the same being of suitable dimensions, made of metal and furnished with all necessary apparatus for use and safety; such steamers having other suitable provisions for the preservation of life in case of fire or other disaster.

Such vessel shall also be provided with a good life-preserver, made of suitable material, and float well adapted to the purpose, for each and every passenger, which life-preservers and floats shall always be kept in convenient and accessible places in such vessel, and in readiness for the use of the passengers. It shall also keep twenty fire buckets and five axes, and there shall be kept on board every such vessel exceeding 500 tons, buckets and axes after the rate of its tonnage, as follows: on every vessel of 600 tons, five buckets and one axe for each 100 tons, decreasing this proportion as the tonnage of the vessel increases, so that any such vessel of 3,500 tons, and all such vessels exceeding the same, shall not be required to keep but three buckets for each 100 tons of measurement, and but one

axe for every five buckets. If such vessel carry passengers on the main or lower deck, it shall be provided with sufficient means convenient to such passengers for their escape to the upper deck, in case of fire or other accident endangering life.

No loose hemp shall be carried on board any such vessel; nor shall baled hemp be carried on the deck or guards thereof, unless the bales are compactly pressed and well covered with bagging or a similar fabric; nor shall gunpowder, oil of turpentine, oil of vitrol, camphene, or other explosive burning-fluids or materials which ignite by friction, be carried as freight, except in cases of special license for that purpose, as hereinafter provided; and all such articles kept on board as stores shall be secured in metallic vessels; and every person who shall knowingly violate any of the provisions of this section shall pay a penalty of \$ 100 for each offence, to be recovered by action of debt in any court of competent jurisdiction.

All the above articles, when put up for shipment on board of any such vessel, shall be securely packed separately from each other and from all other articles, and the package, box, cask, or vessel containing the same shall be distinctly marked on the outside with the name or description of the articles contained therein; and every person who shall put up, or cause to be put up for shipment on board of any such vessel any of such articles, otherwise than as aforesaid, or shall ship the same, unless packed and marked as aforesaid, on board of any steam-vessel carrying passengers, shall be deemed guilty of a misdemeanor, and punished by a fine not exceeding \$ 1,000, or imprisonment not exceeding eighteen months, or both.

For the inspection of steamers, and the employment of pilots and engineers, the following regulations shall be observed. The collector or other chief officer of the customs, the supervising inspector of the district, and the judge of the District Court of the United States for the district, in the following collection districts, — namely, New Orleans, St. Louis, Louisville, Cincinnati, Wheeling, Pittsburg, Buffalo, Cleveland, Detroit, Nashville, Chicago, Oswego, Burlington, Galveston, Mobile, Savannah, Charleston, Norfolk, Baltimore, Philadelphia, New York, New London, Boston, Portland, and San Francisco, — shall designate two inspectors, of good character and suitable qualifications, to perform the services required of them by this act within the respective districts, one of whom, from his practical knowledge of ship-building and the uses of steam in navigation, shall be fully competent to estimate the strength, seaworthiness, and other qualities of the hulls of steamers and their equipment, to be called the Inspector of Hulls; the other, from his knowledge and experience of the duties of an engineer employed in navigating vessels by steam, and in the construction and use of boilers and machinery, shall be able to judge of the quality of the material, the strength, form, workmanship, and suitability of such boilers and machinery, to be called the Inspector of Boilers; and these two persons, if approved by the Secretary of the Treasury, shall be empowered and required to perform the following duties: —

Upon application in writing by the master or owner, they shall, once in every year at least, carefully inspect the hull of each steamer belonging to their respective districts and employed in the carriage of passengers, and shall satisfy themselves that every such vessel is a suitable structure, has suitable accommodations for her crew and passengers, and may be used in navigation with safety to life, and that all the requirements of law are faithfully complied with. If they deem it expedient, they may direct the vessel to be put in motion, and may adopt any other suitable means to test her sufficiency and that of her equipment.

They shall inspect the boilers of such steamers before the same shall be used, and once in every year thereafter, subjecting them to a hydrostatic pressure, the limit to which, not exceeding 165 pounds to the square inch for high-pressure boilers, may be prescribed by the owner or master, and shall satisfy themselves by trials that the boilers are well made, of suitable material; that the openings for the passage of water and steam, and all pipes and tubes exposed to heat, are of proper dimensions, and free from obstruction; that the spaces between the flues are sufficient, and that the fire-line of the furnace is below the prescribed water-line of the boilers; that the safety-valves are of suitable dimensions, suffi-

cient in number, well arranged, and in good working order (one of which may, if necessary in the opinion of the inspectors to secure safety, be taken wholly from the control of all persons engaged in navigating such vessels); and that there is a suitable number of gauge-cocks properly inserted, and a suitable water-gauge and steam-gauge; that in or upon the outside flue of each outside high-pressure boiler there are placed in a suitable manner alloy-fuses, and that in or upon the top of the flues of all other high-pressure boilers such alloy-fuses are placed fusing at ten pounds greater pressure than said metals on the outside boilers, and that provision is made for an ample supply of water to feed the boilers at all times, whether such vessel is in motion or not; so that in high-pressure boilers the water shall not be less than four inches above the flue. In steamers hereafter supplied with new high-pressure boilers, if the alloy fuses on the outer boilers at a pressure of ten pounds exceeding the working pressure allowed, and at twenty pounds above said pressure on the inner boilers, it shall be a sufficient compliance with this act.

In subjecting to the hydrostatic test high-pressure boilers, the inspectors shall assume 110 pounds to the square inch as the maximum pressure allowable as a working power for a new boiler forty-two inches in diameter, made of inspected iron plates at least one fourth of an inch thick, in the best manner, and of the quality herein required, and shall rate the working power of all high-pressure boilers, whether of greater or less diameter, old or new, by this standard; and in all cases the test applied shall exceed the working power allowed in the ratio of 165 to 110. In subjecting to the test low-pressure boilers, the inspectors shall allow as a working power a pressure of only three fourths (or less) the number of pounds to the square inch to which it shall have been subjected by the hydrostatic test and found to be sufficient therefor, using the water in such tests at a temperature not exceeding 60° Fahrenheit. No boilers hereafter made shall be rated in their working pressure above the aforesaid standards. The same rules shall be observed in regard to boilers heretofore made, unless their application would be unjust, in which cases the inspectors may depart from these rules, if it can be done with safety. In no case shall the working pressure allowed exceed the hydrostatic test, and no valve under any circumstances shall be so managed in any way as to subject a boiler to a greater pressure than the amount allowed by the inspectors, nor shall any boiler or pipe be approved which is made in whole or in part of bad material, or is unsafe in its form, or dangerous from defective workmanship, age, use, or any other cause.

If the inspectors are satisfied, they shall make and subscribe a certificate to the collector of the district, which shall state in detail that the vessel is provided as in all respects above required. It shall also state the number of passengers the vessel can carry, whether cabin or deck passengers, within what limits the vessel is to run, and that it is their deliberate conviction, founded upon their inspection, that the vessel may be employed without peril to life. This certificate shall be verified by the oaths of the inspectors. In case the said inspectors do not grant a certificate of approval, they shall state in writing, and sign the same, their reasons for their disapproval. An appeal lies by the master or owner from the local inspectors to the supervising inspector, if made within thirty days.

Upon application of the master or owner for a license to carry any of the prohibited articles above mentioned, the inspectors may grant such license, if, upon examination of the safeguards used, they think it can be done with safety. But such licenses may at any time be annulled, upon proof of any violation of the provisions of this act.

The inspectors shall keep a record of their inspections of vessels, &c., and of their certificates of approval or disapproval, and of their licenses to carry the said prohibited articles, and of all licenses to pilots and engineers, as well as of the applications for such licenses which they do not grant, and of all revocations of licenses, and shall deliver the same to the collector of each district.

Upon application of any one to be appointed engineer or pilot, the inspectors shall examine the applicant and his proofs, and if satisfied that his character, knowledge, habits, and experience are sufficient, they shall license him and assign him his duty for one year, — such license to be revoked upon proof of negligence, or unskilfulness, or incompetence.

In case of refusal to license, or of revocation of license, any party aggrieved may within 30 days appeal from the local inspectors to the supervising inspector. No person shall employ an unlicensed engineer or pilot on any such vessel, upon pain of forfeiting \$100 for each offence, unless it be by temporary substitution, in the course of a voyage, when the vessel is unexpectedly deprived of the services of her licensed officers.

In addition to annual inspections before provided for, any one of the said inspectors shall examine steamers from time to time, as they arrive or depart. If any defects or non-compliance with the law are discovered, he shall at once notify the master what is required, who shall at once do the same. In case the master thinks the requirements unreasonable, he may appeal from the inspector to the local board, and from the board to the supervising inspector. If the master shall not comply with the requirements of the local board, and shall, while the same remains unreversed by the supervising inspector, employ the vessel, the master and owner shall be liable for any damage to the passengers and their luggage which shall occur from any defects so as aforesaid stated in said notice, which shall be in writing. Where it can be safely done, the inspectors shall permit repairs to be made where those interested can most conveniently do them. No inspectors of one district shall modify or annul the doings of the inspectors of another district, in regard to repairs, unless there is a change in the state of things demanding more repairs than were thought necessary when the order was made; nor shall the inspectors of one district appoint a person coming from another, if such person has been rejected for unfitness or want of qualifications.

The said board, when requested, shall inspect steamers belonging to districts where no such board is established; and if a certificate of approval is not granted, no other inspection shall be made by the same or any other board until the objections made by the inspectors are removed; and if any vessel shall be navigated after a board of inspectors have refused to make the collector a certificate of approval, she shall be liable to the same penalties as if she had been run without a license.

The inspectors shall have power to summon witnesses, and to compel their attendance, and the witnesses shall be paid by the chief officer of the customs for such travel and attendance as the inspectors shall certify upon the back of the summons, not exceeding the rates allowed in the District and Circuit Courts. The inspectors shall report all their doings, and all violations of the law, promptly, to the chief officer of the customs.

All engineers and pilots licensed under this act, and all mates, shall assist the inspectors in the examination of their respective vessels, and point out all defects and imperfections therein, and make known to them, at the earliest opportunity, all accidents occasioning serious injury to the vessel or her equipment, whereby life may be in danger, and in default thereof the license of any such engineer or pilot shall be revoked.

Where a greater number of passengers is taken aboard any such vessel than is certified by the inspectors, the master and owners, or either of them, shall be liable, to any person suing for the same, to forfeit the amount of passage-money and ten dollars for each passenger beyond the number allowed. Where suitable provision is not made of a full and adequate supply of good and wholesome food and water, and of suitable lodging for all passengers, or where barges or other craft impeding the progress are taken in tow, for a distance exceeding 500 miles, without previous and seasonable notice to such passengers, in all such cases the owners and the vessel shall be liable to refund all the money paid for the passage, and to pay also the damage sustained by such default or delay.

If the master of a steamer, or any other person, whether acting under orders or not, shall intentionally employ any means or device whereby the boiler shall be subjected to a greater pressure than the amount allowed by the certificate of the inspectors, or shall intentionally derange or hinder the operation of any machinery or device employed to denote the state of the water or steam in any boiler, or to give warning of approaching danger, it shall be a misdemeanor, and every person concerned therein, directly or indirectly, shall forfeit \$200, and may, at the discretion of the court, be imprisoned not exceeding eighteen months.

If at any time there be a deficiency of water in a boiler, by suffering it to fall below three

inches above the flue, as prescribed in this act, unless the same happens through inevitable accident, the master, if it be by his order, assent, or connivance, and also the engineer, or other person whose duty it is to keep up the supply, shall be guilty of an offence for which they shall severally be fined \$100 each; and if an explosion or collapse happens in consequence of such deficiency, they, or any of them, may be further punished by imprisonment, for a period of not less than six nor more than eighteen months.

The inspectors shall ascertain the quality of the material of which the boiler-plates are made, and that it is equal to good iron made with charcoal, and shall approve of no boiler unless made of proper material, or if imperfectly manufactured. All plates of boiler-iron shall be distinctly and permanently stamped, and, if practicable, in such place or places that the mark shall be left visible after the plates are worked into boilers, with the name of the manufacturer, the quality of the iron, and the place where the same is manufactured. All iron boilers and steam-pipes shall be made of such stamped iron. If any person shall make for use in any such vessel a boiler of iron not so stamped, intended to generate steam for power, he shall, for any such offence, forfeit \$500, to be recovered in an action of debt by any person suing for the same; and any person using or causing to be used in any such vessel such a boiler to generate steam for power shall forfeit a like sum for each offence. If any person shall counterfeit the marks and stamps required by this act, or shall falsely stamp any boiler-iron, he shall be fined not exceeding \$500 and imprisoned not exceeding two years. If any person shall stamp or mark plates with the name or marks of another, with intent to mislead or defraud, such person or persons shall be liable to any one injured thereby for all damage occasioned by such fraud or deception.

The President, with the advice of the Senate, shall appoint nine supervising inspectors, to be selected for their knowledge, skill, and experience in the uses of steam for navigation, and who are competent judges of the character of vessels and of all parts of the machinery employed in steaming. They shall assemble at such places as they may agree upon, once in each year at least, for joint consultation and the establishment of regulations for their own conduct and that of the several boards of inspectors within the districts, and also to assign to each of the said nine inspectors the limits of territory within which he shall perform his duties. They shall each be paid \$1,500 a year, and their actual reasonable travelling expenses. They shall visit, confer with, and examine into the doings of the several boards of inspectors, and see that they execute their duties faithfully and uniformly, and shall, whenever they think it expedient, visit such vessels licensed, and examine into their condition, for the purpose of ascertaining whether the provisions of this act have been complied with, both by the board of inspectors and the master and owners; and it shall be the duty of all masters, engineers, and pilots of such vessels to answer all reasonable inquiries and to give all the information in their power in regard to any such vessel, and her machinery for steaming, and the manner of managing both. If the supervising inspector finds that the provisions of this act have not been complied with by the master or owners of vessels, or by the local board, he shall cause the offenders to be prosecuted, or report the facts to the Secretary of the Treasury, who shall cause the delinquents to be removed.

The supervising inspectors shall visit collection districts in which there are no boards of inspectors, if there be any, where steamers are owned or employed, and each one shall have full power to inspect any steamer or boilers of steamers, in any such district, or in any other district where, from distance or other cause, it is inconvenient to resort to the local board, and to grant certificates of approval according to the provisions of this act, and to perform in such districts all the duties imposed upon boards in the districts where they exist. But no supervising or other inspector shall be competent to inspect in any case where he is directly or indirectly personally interested, or is associated in business with any person who is so interested, but in all such cases the duty shall be performed by disinterested inspectors, and any inspection made in violation of this rule shall be void.

Each chief officer of the customs for the several districts, except San Francisco, shall make known without delay to the collectors of all the said districts, except San Francisco, the names of all persons licensed as engineers or pilots for such vessels, — the names of all

persons from whom upon application licenses have been withheld,—the names of all whose licenses have been revoked or suspended,—the names of all such vessels which neglect or refuse to make such repairs as may be ordered under the provisions of this act, and the names of all for which license has been on application refused. The chief officers of the customs and the inspectors aforesaid, shall enforce the provisions of law against all such steamers arriving and departing. Upon proof that any chief officer of the customs, or inspector, has negligently or intentionally omitted his duty in this particular, such delinquent shall be removed from office, and shall be subject to a penalty of \$100 for each offence. The chief officer of the customs shall retain on file all original certificates of the inspectors required by this act to be delivered to him, and shall give to the master or owner of the vessel therein named, two certified copies thereof, one of which shall be placed by such master or owner in some conspicuous place in the vessel, where it will be most likely to be observed by passengers and others, and there kept at all times; the other shall be retained by such master or owner as evidence of the authority thereby conferred; and if any person shall receive or carry any passenger, or any of the articles prohibited by this act, without a certificate, and a certified copy placed in such conspicuous place, or shall carry any article in a place or manner not authorized by the certificate, he shall forfeit \$100 for each offence.

If any inspector shall wilfully certify falsely to any matter or thing contained in any certificate signed or sworn to by him, he shall, on conviction thereof, be punished by fine not exceeding \$500, or imprisonment not exceeding six months, or both. If any such vessel, having a license and certificate as required by this act, shall be purposely navigated without being in all things conformable to such certificate, the master or commander thereof, having knowledge of such defect, shall be fined not exceeding \$100, or imprisoned not exceeding two months, or both.

On any such steamers navigating rivers only, when from any cause the pilot on watch shall think the navigation is unsafe,—or, from accident to or derangement of the machinery, the engineer on watch shall think that the further navigation of the vessel is unsafe,—the vessel shall be brought to anchor or moored as soon as it prudently can be done. If the person in command shall, after being so admonished by either of such officers, elect to pursue such voyage, he shall do the same; but in such case both he and the owners of such steamer shall be answerable for all damages to the person of any passenger and his luggage from said causes in so pursuing the voyage, and no degree of care or diligence shall in such case be held to justify or excuse the person in command, or said owners.

The supervising inspectors shall make such rules to be observed by such vessels in passing each other as they shall from time to time deem necessary for safety. Two printed copies of these rules, signed by said inspectors, shall be furnished to each of such vessels, and shall at all times be kept up in conspicuous places on such vessels, which rules shall be observed both night and day. Should any pilot, engineer, or master of any such vessel neglect or wilfully refuse to observe the foregoing regulations, any delinquent so neglecting or refusing shall be liable to a penalty of thirty dollars, and to all damage done to any passenger in his person or luggage by such neglect or refusal.

Whenever any damage is sustained by any passenger or his luggage, from any cause, the master and the owner of such vessel, or either of them, and the vessel, shall be liable to every person so injured, to the full amount of damage, if it happens through any neglect to comply with the provisions of law herein prescribed, or through known defects or imperfections of the steaming apparatus, or of the hull. Any person sustaining loss or injury through the carelessness, negligence, or wilful misconduct of an engineer or pilot, or their neglect or refusal to obey the provisions of law herein prescribed as to navigating such steamers, may recover damages for any such injury of such engineer or pilot.

Before issuing the annual license to any such steamer, the chief officer of the customs for the port or district shall demand and receive from the owner of the steamer, as a compensation for the inspections and examinations made for the year, the following sums, in addition to the fees for issuing enrolments and licenses now allowed by law, according to the tonnage of the vessel, to wit: for each vessel of 1,000 tons and over, \$35; for each of

500 tons and over, but less than 1,000 tons, \$80; for each under 500 tons and over 125 tons, \$25; and for each under 125 tons, \$20, at the time of obtaining registry, and once in each year thereafter pay, according to the rate of tonnage before mentioned, the sum of money herein fixed: and each licensed engineer and pilot shall pay for the first certificate \$5, and for each subsequent certificate \$1, to the inspectors, to be paid over to the chief officer of the customs, and the sums derived from all the sources above specified shall be quarterly accounted for and paid over to the United States in the same manner as other revenue.

Each inspector shall keep an accurate account of every such steamer boarded by him during the year, and of all his official acts, which he shall report to the chief officer of the customs, on the first days of May and November, in each year.

The compensation of the local inspectors varies; the lowest being that of the inspector in the Vermont district, to wit, \$200; the highest being that in the New York and New Orleans districts, to wit, \$2,000.

The Secretary of the Treasury shall provide the inspectors with suitable instruments, of uniform construction, so as to give uniform results, to test the strength of boilers.

The master of any such steamer shall keep a correct list of all the passengers received and delivered from day to day, noting the places where received and where landed, which record shall be open to the inspection of the inspectors and officers of the customs at all times; and in case of default through negligence or design, the said master shall forfeit \$100, which penalty, as well as that for excess of passengers, shall be a lien upon the vessel. Every master of any such steamer shall keep on board at least two copies of this act, to be furnished to him by the Secretary of the Treasury; and if the master or commander neglects or refuses so to do, or shall unreasonably refuse to exhibit a copy of the same to any passenger who shall ask it, he shall forfeit \$20. Any inspector who shall, upon any pretence, receive any fee or reward for his services rendered under this act, except what is herein allowed to him, shall forfeit his office; and if found guilty, on indictment, be otherwise punished, according to the aggravation of the offence, by fine not exceeding \$500, or imprisonment not exceeding six months, or both. All engineers and pilots of such vessels shall, before entering upon their duties, make oath before one of the inspectors, to be recorded with the certificate, that he will faithfully and honestly, according to his best skill and judgment, perform all the duties required of him by this act, without concealment or reservation; and if any such engineer, pilot, or any witness summoned under this act as a witness, shall, when under examination on oath, knowingly and intentionally falsify the truth, such person shall be deemed guilty of perjury, and be punished accordingly.

The supervising inspectors shall, within their respective districts, under the direction of the Secretary of the Treasury, take the examination, or receive the statements in writing, of persons of practical knowledge and experience in the navigation of steam-vessels, the construction and use of boilers, engines, machinery, and equipments, touching all means in use or proper to be adopted for the better security of the lives of persons on board vessels propelled in whole or in part by steam, and whether any, and what, further legislation is necessary or proper for the better security of the lives of persons on board such steam-vessels; which examination and statements shall be transmitted to the Secretary of the Treasury, at such time as he shall prescribe.

The Secretary of the Treasury shall cause such interrogatories to be prepared and published as in his opinion may be proper to elicit the information contemplated thereby, and, upon the receipt of the examination and statements taken by the inspectors, shall report the same to Congress, together with the recommendation of such other provisions as he may deem proper to be made for the better security of the lives of persons on board steam-vessels.

All penalties imposed by this act may be recovered in an action of debt by any person who will sue therefor in any court of the United States.

This act shall not apply to public vessels of the United States, or vessels of other countries, nor to steamers used as ferry-boats, tug-boats, towing-boats, nor to steamers not ex-

ceeding 150 tons burden, and used in whole or in part for navigating canals. The inspection and certificate required by this act shall in all cases of ocean steamers constructed under contract with the United States, for the purpose, if desired, of being converted into war steamers, be made by a chief engineer of the navy, to be detailed for that service by the Secretary of the Navy; and he shall report to the said Secretary and to the supervising inspector of the district where he shall make any inspection.

All such parts of this act as authorize the appointment and qualification of inspectors, and the licensing of engineers and pilots, shall take effect upon the passage thereof, and all other parts of this act shall go into effect at the times and places as follows: in the districts of New Orleans, St. Louis, Louisville, Cincinnati, Wheeling, Pittsburg, Nashville, Mobile, and Galveston, on the first day of January next, and in all other districts on the first day of March next. August 30, 1852.

No. 57. Ch. CVII. *An Act in Addition to an Act to promote the Progress of the Useful Arts.* The appeals provided for in § 11 of the act of March 3, 1839, may be made to either of the Assistant Judges of the Circuit Court for the District of Columbia, who are empowered to act thereon. When an appeal shall be made to the Chief Judge or Assistant Judge, the Commissioner of Patents shall pay to the said Judge the \$25 required to be paid by the appellant into the Patent-Office. Section 13 of said act is repealed. August 30, 1852.

No. 58. Ch. CVIII. *An Act making Appropriations for the Civil and Diplomatic Expenses of the Government for the Year ending June 30, 1853, and for other Purposes.* \$8,148,537.60 are appropriated. For the heads of appropriation, see *ante*, p. 139.

The District Judge of the Northern District of California shall, until otherwise provided, be the Judge of the Southern District of that State, with an additional salary of \$1,500 while discharging the duties of both districts. Appeals, &c., when the matter in dispute, exclusive of costs, is over \$2,000, shall lie from the said District Court to the Supreme Court of the United States.

The Comptroller of the Treasury shall stop any voucher not made in form, and in accordance with the terms of the contract against which it is drawn. It shall be a penal offence to make, or present, or to pass, or attempt to pass, any false voucher to draw money from the treasury. All contracts shall hereafter be advertised at least sixty days before letting. All contracts of every description made without public notice having been given, where notice was required, shall be cancelled after sixty days' notice in the newspapers of Washington. Good and sufficient security shall be given for twice the amount of money at any time to be advanced to the contractor, under any contract; and bids shall be opened in presence of the bidders, if they, or any one of them, should be present, and notice to that effect shall be given in the advertisement for proposals, to be published agreeably to this proviso. All contracts made without an appropriation of money for an object, the subject of a contract, are cancelled and declared void.

No gold or silver other than coin of standard fineness of the United States, or foreign coin in the manner prescribed by existing laws, shall be received in payment of dues to the United States.

\$25,000 are appropriated to pay the Spanish Consul and Spanish subjects at New Orleans for losses occasioned by violence in 1851.

Persons employed in the duties of a single office by the government, at an annual salary of not more than \$1,200, shall for the present fiscal year receive 20 per cent. additional salary; those at a salary over \$1,200 and under \$1,600, shall receive 10 per cent. additional, but no salary shall be thus increased above \$1,600. This shall not apply to any one prosecuting at Washington any claim other than his own against the government. The violating this provision will render the person knowingly paying or receiving the additional percentage liable to fine and imprisonment.

Unexpended appropriations, except for payments of interest on the funded debt, or for the interest or reimbursement of public losses, or except when a longer period is assigned by law, remaining in the treasury more than two years after the expiration of the year when the act was passed, shall be carried to the "surplus fund," and the appropriation shall be considered determined. Where the ministerial officers of the United States have incurred, or shall incur,



extraordinary expense in executing the laws, the payment of which is not specifically provided for, the President may allow the payment thereof, under the special taxation of the District or Circuit Court of the district in which the said services have been, or shall be, rendered, to be paid from the appropriation for defraying the expenses of the judiciary.

The President may appoint an associate law agent for California, skilled in the Spanish and English languages, with the same duties and compensation as the law agent; but their compensation shall not exceed \$5,000 each. In every case where the California land commissioners make a final decision, there shall be two certified transcripts of all papers and proceedings, and of the decision, one to be filed with the clerk of the proper District Court, and the other to be sent to the Attorney-General. The filing of the transcript with the district clerk of itself operates as an appeal for the party against whom the decision is rendered, and in case of the failure by the party aggrieved to file with the said clerk a notice of his intention to prosecute the appeal, the appeal will be regarded as dismissed.

The deputy naval officers at Boston, New York, Philadelphia, Baltimore, and New Orleans, shall receive \$2,000 per annum in lieu of their present compensation.

If A. Boyd Hamilton, the present contractor for the printing of the Senate and House, shall file with the Secretary of the Senate and Clerk of the House of Representatives his written consent to relinquish his contracts in the premises, the Secretary and Clerk, and the Clerk of the Printing Committee are hereby authorized and required to settle and pay his accounts for all work done and all in progress of completion, according to his contract prices, with such proportion of \$50,000 in addition thereto as the amount of the work performed by him bears to the amount of work done by the printer for the Thirty-first Congress, when estimated under his contract prices.

No person hereafter who holds or shall hold any office under the government, whose annual compensation shall amount to the sum of \$2,500, shall receive compensation for discharging the duties of any other office. August 31, 1852.

No. 59. Ch. CIX. *An Act making Appropriations for the Naval Service for the Year ending June 30, 1853.* \$6,958,827.78 are appropriated.

§ 6. Robert Armstrong, the public printer, is directed to execute without delay the public printing ordered by either House of Congress since his election as public printer, and all paper used by the public printer for the space of sixty days from this date shall be furnished by him at cost, and shall be of the quality and description specified in the law passed at this session of Congress. August 31, 1852.

No. 60. Ch. CX. *An Act making Appropriations for the Support of the Army, for the Year ending June 30, 1853.* \$7,664,903.48 are appropriated.

The board of officers to procure sites for the military asylums are authorized to examine the Blue Lick Springs and the land attached thereto, and if the same be found eligible for the purpose, and can be secured of the proprietors, (or any suitable quantity of the land, including the buildings,) at a reasonable price, to purchase the same for the government of the United States, and locate thereon the Western Military Asylum. August 31, 1852.

No. 61. Ch. CXI. *An Act making Appropriations for the Service of the Post-Office Department during the fiscal Year ending June 30, 1853, and for other Purposes.* \$7,134,500 are appropriated.

The Postmaster-General may contract with the Ocean Steam Navigation Company for one additional trip on the Havre line, and one on the Bremen line, until the expiration of their existing contract, receiving and delivering mails at Southampton, Cowes, or Plymouth, as he may direct, in order to maintain through such lines and the Collins line a regular weekly communication by American mail-steamers between the United States and England; but the compensation for such additional trips shall not exceed the compensation allowed for each trip under the existing contract. He may also, in his discretion, negotiate with the contractors for changing the terminus of the Havre line from Havre to Antwerp, and to make an agreement for such change, if he shall think proper; but the increased compensation to be allowed for such change shall be limited to a *pro rata* allowance for the increased distance.

The bridges across the Ohio River at Wheeling, Va., and at Bridgeport, Ohio, abutting on

Zane's Island in said river, are made lawful structures in their present position and elevation, and are established post-roads for the passage of the mails of the United States, and the Wheeling and Belmont Bridge Company may maintain their bridges at their present site and elevation; and the officers and crews of all vessels and boats navigating said river are required to regulate the use of their vessels and boats, and of any pipes or chimneys belonging thereto, so as not to interfere with the elevation and construction of said bridges. August 31, 1852.

No. 62. Ch. CXII. *An Act making Appropriations for Light-houses, Light-boats, Buoys, &c., and providing for the Erection and Establishment of the same, and for other Purposes.* § 725,345 are appropriated. When any person designated by the Secretary of the Treasury shall report to him that a preliminary survey is necessary to determine the site of a proposed light-house, &c., he shall direct the Superintendent of the Coast Survey to perform this duty on the sea-board, and the Colonel of Topographical Engineers on the Northwestern Lakes, who shall report to him thereon, in detail. If the report is such as to authorize the work without further legislation, he shall forthwith proceed with it; otherwise, he shall lay it before Congress at its next session.

The President is authorized and required to appoint, immediately after the passage of this act, two officers of the navy, of high rank, one officer of the corps of engineers, one officer of the corps of topographical engineers, and two civilians of high scientific attainments, whose services may be at the disposal of the President, and an officer of the navy and an officer of engineers as secretaries, who shall constitute the Light-house Board of the United States, and may adopt such regulations for the government of their meetings as they may judge expedient; and the board so constituted shall be attached to the office of the Secretary of the Treasury, and under his superintendence shall discharge all the administrative duties of said office relating to the construction, illumination, inspection, and superintendence of light-houses, light-vessels, beacons, buoys, sea-marks, and their appendages, and embracing the security of foundations of works already existing, procuring illuminating and other apparatus, supplies, and materials of all kinds for building, and for rebuilding, when necessary, and keeping in good repair, the light-houses, light-vessels, beacons, and buoys of the United States.

The Secretary of the Treasury shall be *ex officio* President of the Board. At their first meeting they shall proceed to elect by majority vote of the whole board one of their members as chairman, who shall, in the absence of the president of the board, preside over their meetings, and perform such acts as may be required by the rules of the board. The board shall meet in each year for the transaction of general and special business, on the first Monday in March, June, September, and December. The Secretary of the Treasury may convene the board whenever the exigencies of the service require it. The light-house clerks in the Treasury Department may be transferred to this board, and suitable accommodations be provided for the transaction of its business, and the keeping of its archives, models, &c.

The Light-house Board shall at once arrange the Atlantic, Gulf, Pacific, and Lake coasts of the United States into light-house districts, not exceeding twelve in number; and the President shall direct that an officer of the army or navy be assigned to each district as a light-house inspector, under the orders of the board, who shall receive for such service only his regular pay, except the legal allowance per mile, when travelling under orders connected with his duties. The board may distribute among the light-house keepers, inspectors, &c., needful regulations and instructions for securing an efficient, uniform, and economical system of lights, &c., and responsibility from their keepers, &c. All plans, drawings, specifications, &c. shall be prepared for the board by the engineer secretary, or an officer of engineers detailed for that purpose.

No bid or contract shall be accepted or entered into except upon the decision of the board, at a regular or special meeting, and through their properly authorized officers. Hereafter all materials for the construction and repair of light-houses, light-vessels, beacons, buoys, &c., &c. shall be procured by public contracts, under such regulations as the board may from time to time adopt, subject to the approval of the Secretary of the Treasury, and all works of construction, renovation, and repair shall be made by the orders

of the board, under the immediate attendance of their engineer secretary, or of such engineer of the army as may be detailed for that purpose. The board shall furnish, upon the requisition of the Secretary of the Treasury, all the estimates of expense which the several branches of the light-house service may require, and such other information as may be required, to be laid before Congress at the commencement of each session.

All acts and parts of acts inconsistent with this act are repealed, but all acts and parts of acts relating to the light-house establishment of the United States, not inconsistent with this act, and necessary to enable the board, under the superintendence of the Secretary of the Treasury, to perform all its duties, are kept in full force. No additional salary shall be allowed to any civil, military, or naval officer employed on the board, or in any manner attached to the light-house service of the United States under this act; and no member of the board, inspector, light-keeper, or other person in any manner connected with the light-house service, shall be engaged either directly or indirectly in any contract for labor, materials, or supplies for the light-house service, nor possess either as principal or agent any pecuniary interest in any patent, plan, or mode of construction or illumination, or in any article of supply for the light-house service of the United States. August 31, 1852.

No. 63. Ch. CXIII. *An Act to establish certain Post-Roads, and for other Purposes.* The Postmaster-General may contract for the carrying the mails by steam between Boston and Halifax with the lowest bidder therefor, but the amount paid shall not exceed the amount of postage derived from the mails. — The stealing, purloining, embezzling, obtaining by false pretences, or the aiding therein, or the forging or counterfeiting, or the aiding or procuring thereof, of any key suitable to a mail lock in use on the mails, or the having in possession such key or such lock, intending improperly to use or dispose of the same, or the delivering, by any person lawfully engaged in the manufacture thereof, of such key or lock, or the interior part of said lock, whether in a finished or unfinished state, to a person not duly authorized to receive the same under the hand of the Postmaster-General and the seal of the Department, is made a felony, and any person convicted thereof shall be imprisoned, not exceeding ten years. The stealing, purloining, or embezzling of mail bags, or any other property in use and belonging to the Post-Office Department, or the appropriating any such property to any except its proper use, for lucre, gain, or convenience, or the conveying away of the same to the hindrance or detriment of the public service, or their aiders and abettors, is, if the value of the property exceed \$25, made a felony, and is punishable by imprisonment not exceeding three years. If the value of the property is less than \$25, the punishment shall be imprisonment not more than one year, and a fine of not less than \$10 nor more than \$200.

No vessel arriving in any port of the United States shall make entry, or break bulk, until all letters on board shall have been delivered into the post-office nearest the port, nor until the commander of such vessel shall have signed and sworn to a declaration before the proper officers of the customs, that he has so delivered all such letters, bags, parcels, and packages that were in his possession or control. All officers of the customs without special instructions, and special post-office agents, where so instructed, shall carefully search every vessel for letters which may be on board, or may have been carried or transported contrary to law, and all such officers and agents, and all United States marshals and their deputies, "shall at all times have power to seize all letters, and packages and parcels containing letters, which shall have been sent or conveyed contrary to law on board any ship or vessel, or on or over any post-route of the United States, and to convey such letters to the nearest post-office, or may, if the Postmaster-General and the Secretary of the Treasury shall so direct, detain the said letters, or any part thereof, until two months after the trial and final determination of all suits and proceedings which may at any time within six months after said seizure be brought against any person, for sending, or carrying, or transporting any such letter contrary to any provisions of any act of Congress," "and every package or parcel so seized, in which any letters shall be concealed, shall be forfeited to the United States"; the proceedings to enforce said forfeiture to be same as those for forfeiture under the revenue laws, "and all laws for the benefit and protection of

officers of the customs seizing goods, &c., for a violation of the revenue laws of the United States, shall apply to the officers and agents making seizures by virtue of this act." One half of the penalties recovered under this act are to go to the officers seizing, and the other half, to the Post-Office Department.

The mails of Canada, or of any other country adjoining the United States, may be transported at its expense over any portion of the territory of the United States, from one point in the country to which such mails belong to any other point in the same, upon obtaining the same privileges for the transportation of the mails of the United States through the country to which such privileges shall be granted. But such privileges may at any time be annulled by the President, or by joint resolution of the two houses of Congress, after the expiration of one month next succeeding the day on which the notice of the act of the President or of the joint resolution of the two houses shall be given to the chief executive officer or head of the Post-Office Department of the country whose privilege is to be thereby annulled. Every mail of any country having the privilege as above shall, while in the United States, be deemed a mail of the United States, so far as to make any act or offence in respect thereto, which would be punishable under the existing laws of the United States, in case the same had been a mail of the United States, an offence of the same grade, and punishable in the same manner, as though the said mails were those of the United States; and in any indictment for such act or offence, the said mails or any part thereof may be alleged to be, and on the trial of any such indictment they shall be, deemed and held to be mails or parts of mails of the United States.

The Postmaster-General may supply all persons applying and paying therefor, suitable letter-envelopes, with such water-marks or other guards against counterfeits as he may deem expedient, and with one or more suitable postage-stamps, with such device and of such denominations and value as he may direct, printed or impressed thereon, which envelopes shall be sold at the cost of procuring and furnishing the same, as near as may be, with the addition of the value or denomination of the postage-stamps thereon, and letters, when inclosed in such envelope, with postage-stamps printed or impressed thereon, shall pass in the mails as prepaid letters; and all letters inclosed in such envelopes as shall be so provided by the Postmaster-General, and with postage-stamps thereon, may be sent, conveyed, and delivered otherwise than by post or mail, notwithstanding any prohibition thereof under any existing law; *Provided*, That the said envelope shall be duly sealed, or otherwise firmly and securely closed, so that such letter cannot be taken therefrom without tearing or destroying such envelope, and the same duly directed and addressed; and the date of such letter, or of the receipt or transmission thereof, to be written or stamped or otherwise appear on such envelope.

Certain compensation in addition to legal commissions may be allowed postmasters in offices established since July 1, 1850, or those whose commissions, in consequence of increased labor and business at their offices shall have equalled or exceeded the commission allowed at such offices for the year ending June 30, 1851, so that their pay may be equal to that of other postmasters in the same section of the country performing similar labor. All fines and penalties belonging to the government, imposed and collected for violations of any Post-Office law, shall be paid into the treasury to the credit of the Post-Office Department.

The Postmaster-General shall issue proposals and contract for the transportation of a daily mail between Louisville and Cairo, St. Louis and Cairo, Cairo and Memphis, and Memphis and New Orleans, and to supply such intermediate points as he may order from time to time, on suitable and safe steamboats. August 31, 1852.

No. 64. Ch. CXIV. *An Act making further Provision for the Satisfaction of Virginia Land Warrants.* All such outstanding unsatisfied warrants issued or allowed prior to May 1, 1852, for Revolutionary services, may be surrendered to the Secretary of the Interior, and if he is satisfied that the warrant was justly issued for such services, he shall issue land scrip therefor at the rate of \$1.25 per acre for each acre in the original warrant, which scrip shall be received in payment for public lands, but for not less than a legal subdivision subject to private entry, and shall be assignable by indorsement if attested by two

witnesses. Where more than one person is interested in the same warrant, the scrip may be apportioned, and if an infant or feme covert is entitled to any scrip, the guardian or husband may receive, sell, or locate the same. This shall be a full and final adjustment of all bounty land claims to the officers and soldiers, seamen and marines, of the State of Virginia, for services in the war of the Revolution. And the State of Virginia shall, by a proper act of her Legislature, relinquish all claim to the lands in the Virginia military land district in Ohio. August 31, 1852.

No. 65. Ch. CXV. *An Act to constitute Alton, in the State of Illinois, a Port of Delivery.* Alton and Galena in Illinois, Burlington in Iowa, and Knoxville in Tennessee, are made ports of delivery, and annexed to the collection district of New Orleans. Port Jefferson, on the north side of Long Island, is made a port of delivery, and annexed to the New York collection district, but all duties shall be paid at New York before cargoes can be discharged in Port Jefferson. August 31, 1852.

## IX. PUBLIC RESOLUTIONS.

No. 1. *A Resolution of Welcome to Louis Kossuth.* That Congress, in the name and behalf of the people of the United States, give to Louis Kossuth a cordial welcome to the Capitol of the country; and that a copy of this resolution be transmitted him by the President of the United States. December 15, 1851.

No. 2. *A Joint Resolution, providing for the Printing of Additional Copies of the Journals and Public Documents.* 100 additional copies to be printed: December 28, 1851.

No. 3. *A Joint Resolution to authorize the Postmaster-General to legalize certain Contracts for the Transportation of the Mail in California and Oregon.* January 13, 1852.

No. 4. *A Joint Resolution providing for the Binding of certain Documents.* Additional copies of executive documents — being not less than 250 pages — shall be bound at a cost of not less than 12½ cents per volume. January 27, 1852.

No. 5. *A Resolution extending the Time of the Commission under the Convention with Brazil.* Time extended four months from March 1, 1852. February 27, 1852.

No. 6. *A Joint Resolution approving and confirming an Act of the Legislative Assembly of the Territory of Oregon, entitled "An Act to provide for the Selection of Places for Location and Erection of the Public Buildings of the Territory of Oregon," and for other Purposes.* May 4, 1852.

No. 7. *A Resolution to authorize the Continuance of the Work upon the two Wings of the Capitol.* April 14, 1852.

No. 8. *A Resolution authorizing the Purchase of the Ninth Volume of the Laws of the United States.* May 10, 1852.

No. 9. *A Joint Resolution changing the Name of St. Peter's River, in Minnesota Territory.* The name is changed to Minnesota. June 19, 1852.

No. 10. *A Joint Resolution accepting from Guiseppe Fagnani a Portrait of Henry Clay, and ordering it to be placed in the Library of Congress.* July 3, 1852.

No. 11. *A Resolution to establish certain Post-Routes.* July 12, 1852.

No. 12. *A Joint Resolution providing for the Distribution of the Laws of Congress, and the Debates thereon.* "With a view to the cheap circulation of the laws of Congress and the debates contributing to the true interpretation thereof, and to make free the communication between the representative and constituent bodies, Resolved, That after the present session of Congress, the *Congressional Globe* and *Appendix*, containing the laws and the debates thereon, shall pass free through the mails, so long as the same shall be published by order of Congress; but nothing herein shall be construed to authorize the circulation of the *Daily Globe* free of postage." August 6, 1852.

No. 13. *A Resolution relating to the Printing of Congress during the Recess.* August 31, 1852.

## X. REVENUE AND EXPENDITURE.

1. *Statement of Duties, Revenues, and Public Expenditures during the Fiscal Years ending June 30, 1850, and June 30, 1851.*

[From Reports of the Secretary of the Treasury, Dec. 17, 1850, and Dec. 26, 1851.]

The receipts into the Treasury were as follows:—	Year ending June 30, 1850.	Year ending June 30, 1851.
From customs, viz.:—		
During the first quarter, ending Sept. 30,	\$11,643,680.54	14,764,043.05
During the second quarter, " Dec. 31,	7,207,385.87	8,361,563.77
During the third quarter, " Mar. 31,	11,489,912.36	14,448,679.17
During the fourth quarter, " June 30,	9,327,707.65	11,443,281.93
Total customs, . . . . .	39,668,686.42	49,017,567.92
From sales of public lands, . . . . .	1,859,894.25	2,352,305.30
From miscellaneous sources, . . . . .	1,847,218.33	943,106.65
Total receipts, exclusive of loans, &c.,	43,375,798.90	52,312,979.87
Balance in the Treasury, July 1, 1849 and '50,	2,184,964.28	6,604,544.49
Total, exclusive of loans, &c., . . . . .	45,560,763.18	
Stock issued for special deposits under act of March 31, 1848, . . . . .	399,050.00	
Stock issued in funding Treasury-notes under act of July 22, 1846, . . . . .	83,500.00	
Stock issued in funding Treasury-notes under act of Jan. 28, 1847, . . . . .	3,557,700.00	
Stock issued in funding Treasury-notes under acts prior to July 22, 1846, . . . . .	5,700.00	
	4,045,950.00	
Total means, . . . . .	49,606,713.18	58,917,524.36
The expenditures, exclusive of trust funds, were as follows:—		
<i>Civil List.</i>		
Legislature, . . . . .	1,127,309.92	1,274,348.58
Executive, . . . . .	1,120,663.02	1,209,039.23
Judiciary, . . . . .	635,982.38	772,248.33
Governments in the Territories, . . . . .	51,408.13	102,899.35
Surveyors and their clerks, . . . . .	60,650.57	66,280.69
Officers of the Mint and branches, . . . . .	43,300.00	50,300.00
Commissioner of the Public Buildings, . . . . .	1,956.05	1,933.33
Secretary to sign patents for public lands, . . . . .	1,500.00	1,499.73
Total civil list, . . . . .	3,042,770.07	3,478,549.24
<i>Foreign Intercourse.</i>		
Salaries of Ministers, . . . . .	81,934.73	104,054.92
Salaries of Secretaries of Legation, . . . . .	18,481.09	17,002.96
Salaries of Chargés d'Affaires, . . . . .	70,146.02	69,292.30
Salary of Minister Resident to Turkey, . . . . .	7,500.00	4,500.00
Outfits of Ministers and Chargés d'Affaires, . . . . .	128,500.00	57,500.00
Salary of Dragoman to Turkey and contingencies, . . . . .	2,750.00	187.50
Contingent expenses of all the missions abroad, . . . . .	31,852.28	17,009.66
Renewal of diplomat. intercourse with Mexico, . . . . .	3,432.48	
Contingent expenses of foreign intercourse, . . . . .	40,441.03	31,640.00
Salary of the Consul at London, . . . . .	2,000.00	2,000.00

	Year ending June 30, 1850.	Year ending June 30, 1851.
Clerks, office, &c. of Consul, London,	\$ 2,800.00	\$ 2,800.00
Salary of Consul at Beyrout, . . . . .	500.00	125.00
Salary of Consul at Alexandria, . . . . .	3,000.00	1,000.00
Salaries of Consuls at Kuang, &c., China, . . . . .	1,500.00	3,617.00
Office-rent of Consul at Bâle, Switzerland,	382.33	152.44
Relief and protection of American seamen,	89,792.29	92,755.92
Commissioner to reside in China, Secretary, and Interpreter, . . . . .	10,500.00	2,993.33
Certain diplomatic services, and tobacco agent,	2,295.92	16,672.95
Commissioner to Sandwich Islands, . . . . .	2,016.57	2,400.00
Intercourse with Barbary powers, . . . . .	8,000.00	6,847.64
Interpreters, guards, &c. at the Consulates in Turkish dominions, . . . . .	1,475.22	980.75
Instalment and interest due May 30, 1849, under Art. 12 of treaty with Mexico, . . . . .	52,600.00	
Instalment and interest due May 30, 1850, under Art. 12 of treaty with Mexico, . . . . .	3,386,616.31	
Instalment and interest due May 30, 1851, under Art. 12 of treaty with Mexico, . . . . .		3,242,400.00
Expenses of commission, and pay of commis- sioners, under treaty with Mexico, . . . . .	20,428.39	14,525.08
Do. do. under convention with Brazil, . . . . .		6,021.74
Expenses of Agent of Sublime Porte, . . . . .		4,000.00
Treaty of peace, limits, and boundaries, &c., with Mexico, . . . . .	869,650.00	
Awards under the 15th Article of said treaty,		2,516,691.11
Total foreign intercourse, . . . . .	4,838,594.76	6,217,170.30
<i>Miscellaneous.</i>		
Surveys of public lands, . . . . .	221,942.36	147,198.47
Distribution of the proceeds of public lands,		18,214.90
Collecting revenue from sales of public lands,	137,410.95	145,306.78
Support and maintenance of light-houses, &c.,	674,661.84	556,449.01
Building light-houses, &c., . . . . .	172,158.20	64,173.00
Marine hospitals, . . . . .	162,379.67	139,220.43
Building marine hospitals, and repairs, . . . . .	97,111.67	167,829.75
Public buildings in Washington, &c., . . . . .	94,626.90	
Patent fund, . . . . .	191,317.03	173,791.47
Correcting erroneous surveys in S. Michigan,	3,639.74	
Selecting certain Wabash & Erie Canal lands in Ohio, Act 30th June, 1834, . . . . .		27,287.58
Completing geological survey, &c. of mineral lands in Michigan, Iowa, &c., . . . . .		17,089.49
Payment of war bounty land warrants, . . . . .	29,675.00	8,325.00
Building custom-houses and warehouses,	587,531.07	248,740.71
Cost of collecting revenue from customs prior to Jan. 1, 1850, . . . . .	1,157,176.50	1,227.37
Cost of collecting revenue since Jan. 1, 1850,	817,154.72	1,888,471.61
Survey of the coast of the United States, . . . . .	220,000.00	247,000.00
Survey of South Florida reefs, &c., . . . . .	24,000.00	30,000.00
Steamer for survey of Pacific coast, . . . . .		92,000.00
Completing east wing Patent-Office building,		72,500.00
Mint establishment, . . . . .	126,190.00	146,590.55
Relief of sundry individuals, . . . . .	278,860.61	115,388.74
Auxiliary watch in the city of Washington,	5,689.55	8,174.77
Expenses incident to loans and Treas. notes, expenses incident to Texas indemnity stock, cost of the penitentiary in Dist. Columbia,	14,307.25	20,483.93
	8,850.00	4,768.18
		7,800.00

	Year ending. June 30, 1850.	Year ending June 30, 1851.
Support of lunatics of the Dist. of Columbia,	\$ 9,452.82	\$ 9,169.75
Cleaning and deepening Wash. City Canal,	20,000.00	15,000.00
Pay to Washington for half City Hall building,	30,000.00	
Improvements in Washington, 12 sect. of act May 17, 1848,	16,652.61	5,996.66
Repayment of debt of cities of Dist. of Col.,	60,000.00	60,000.00
Three per cent. to Illinois, . . . .	15,987.78	8,681.86
Three per cent. to Indiana, . . . .	47,699.53	
Three per cent. to Alabama, . . . .	58,905.90	
Three per cent. to Ohio, . . . .	13,246.57	3,095.31
Five per cent. to Michigan, . . . .	2,559.03	
Five per cent. to Arkansas, . . . .	3,009.71	
Five per cent. to Florida, . . . .		603.91
Five per cent. to Iowa, . . . .	9,105.52	5,697.46
Five per cent. to Wisconsin, . . . .	10,513.39	16,399.17
Two per cent. to Alabama, . . . .	45,006.09	
Maine, under treaty stipulations, . .		3,440.05
Debentures, drawbacks, bounties, &c.,	538,248.30	794,639.61
Excess of deposits for unascertained duties repaid, . . . .	564,175.32	896,024.55
Debentures and other charges (customs),	60,056.41	72,623.82
Debentures and other charges (lands),	2,322.34	986.64
Relief of the cities of the Dist. of Columbia,	50,311.15	46,600.72
Payment of horses, &c., lost, . . . .	2,853.06	1,915.48
Refunding duties paid by colleges, &c., .	270.10	
Refunding duties per act May 8, 1846, .	2,556.62	60.86
Refunding duties on foreign merchandise per act Aug. 8, 1846, . . . .	12,954.72	59,732.51
Refunding duties collected in Mexico, . .	614.73	10,559.75
Tonnage duties on Spanish vessels refunded,	53,716.28	2,645.44
Certain duties refunded, . . . .	9,517.76	
Refunding duties collected by act Aug. 30, 1842,	302.93	207.40
Refunding duties on sugar and molasses, .		439,588.28
Refunding duties on cathedral and church bell,		340.60
Discriminating tonnage, act Aug. 3, 1846,		716.29
Repayment for lands erroneously sold, . .	23,185.24	21,866.66
Refunding purchase-money for land sold in the Greensburg district, Louisiana, . .	4,401.35	
Results and acct. of the Exploring Expedition,	15,000.00	25,000.00
Printing and publishing manuscript papers of Jefferson, . . . .		6,000.00
Purchase of manuscript papers of Hamilton,	20,000.00	
Printing and publishing " " "	6,000.00	
Smithsonian Institution, act of Aug. 10, 1846,	30,910.14	30,910.14
Expenses of mineral land service, . . . .	13,803.55	2,631.46
Salaries of assistant treasurers and clerks,	23,285.63	22,937.59
Contingencies under act for collect. pub. rev.,	8,928.26	10,245.58
Compensation of spec. agents to ex. accounts,	5,000.00	
All other items of a miscellaneous nature, .	5,032.64	4,752.20
Claims not otherwise provided for, . . . .	2,927.91	1,392.04
Consular receipts, . . . .	557.77	1,166.53
Building and equipping six revenue-cutters,	21,432.45	568.38
Historical paintings for the Capitol, . .	2,000.00	
Pay to each designated depository ( $\frac{1}{2}$ per cent),	3,668.31	669.51
Buildings and Library for Territory of Oregon,	8,000.00	
Library for Territory of Minnesota, . . . .	3,000.00	



	Year ending June 30, 1850.	Year ending June 30, 1851.
United States Court-rooms in Iowa, . . .	\$ 854.50	
Relief of bona fide settlers in Florida, . .	1,499.70	
Public buildings, Minnesota Territory, . .		\$ 10,000.00
Penitentiary, " " . . .		10,000.00
Public buildings, Utah Territory, . . .		20,000.00
Public Library, " " . . .		5,000.00
Special examiners of drugs and medicines, .	5,972.20	6,456.04
Donation and exchange of documents, . .		2,000.00
Forms for 7th census, . . . . .	9,500.00	
Taking 7th census, . . . . .	8,000.00	672,003.00
Taking census of Oregon Territory, . . .		500.00
1000 copies Statutes at Large, . . . . .	2,521.00	
12 copies Congr. Globe and Appendix, . .	8,280.00	
Publication of Laws for 1850 and 1851, . .		8,250.00
Purchase of Annals of Congress, . . . . .		60,000.00
5,592 copies Congr. Globe and Appendix, . .		33,408.00
1,000 copies Works of John Adams, . . . .		5,000.00
Reporting and publishing House proceedings in Daily Globe (2,000 columns), . . . . .		15,000.00
Print. Cong. G. & App. for members 31st Cong.,		10,000.00
20,000 copies Report Comm. and Navig., . .		10,225.00
Boundary line, United States and Mexico, .	59,877.96	204,377.59
Reconstructing maps showing Northeastern Boundary line, . . . . .		13,350.00
Funeral of President Taylor, . . . . .		8,146.73
Removal of President Taylor's remains to Kentucky, . . . . .		4,000.00
Total miscellaneous, . . . . .	6,958,360.24	8,177,247.71
<i>Under the direction of the Depart. of Interior.</i>		
Indian department, . . . . .	1,516,327.46	2,815,599.70
Pensions, military, . . . . .	1,477,399.04	2,062,267.17
Pensions, naval, . . . . .	157,192.76	147,168.02
Claims of the State of Virginia, . . . . .	244,500.61	66,807.91
Relief of sundry individuals, . . . . .	5,105.00	23,492.13
Total under direction of Depart. of Interior,	3,400,524.87	5,115,334.93
<i>Under the direction of the War Department.</i>		
Army proper, . . . . .	6,277,786.18	8,949,767.32
Military Academy, . . . . .	156,550.08	165,017.73
Fortifications, and other works of defence,	660,324.40	604,068.74
Armories, arsenals, and munitions of war,	745,411.29	921,121.86
Harbors, roads, rivers, &c., . . . . .	93,225.79	136,764.84
Surveys, . . . . .	37,255.78	68,225.11
Arming and equipping the militia, . . . .	205,683.64	205,949.00
Payments to militia and volunteers, . . .	1,137,601.18	635,330.40
Relief of individuals and miscellaneous, . .	87,400.82	125,547.83
Total under direction of the War Dep't,	9,401,239.16	11,811,792.73
<i>Under the direction of the Navy Department.</i>		
Pay and subsistence, includ'g medicines, &c.,	3,181,756.62	3,317,314.05
Increase, repairs, ordnance, and equipment,	1,562,200.52	1,684,337.85
Contingent expenses, . . . . .	542,506.92	518,972.45
Navy yards, . . . . .	1,209,184.69	1,021,478.65
Navy hospitals, asylums, and magazines,	9,621.14	1,342.52

	Year ending June 30, 1850.	Year ending June 30, 1851.
Relief of individuals and miscellaneous, . . . . .	\$ 120,281.62	\$ 150,661.31
Marine Corps, . . . . .	321,673.15	389,704.80
Dry docks, . . . . .	787,519.07	601,620.95
Steam mail service, . . . . .	188,569.45	1,302,365.09
Total under direction of the Navy Dep't,	7,923,313.18	8,987,797.67
<i>Public Debt.</i>		
Paying the old public debt, . . . . .	2,291.69	4,419.62
Interest on the public debt, . . . . .	3,535,670.18	*3,696,721.46
Reimbursement of Treasury-notes per acts prior to July 22, 1846, . . . . .	†5,850.00	
Ditto per act of July 22, 1846, . . . . .	†87,900.00	
Ditto per act of January 28, 1847, . . . . .	3,557,700.00	
Reimbursement of Treasury-notes per acts prior to July 22, 1846, . . . . .		277.67
Ditto per act of July 22, 1846, . . . . .		100.00
Redemption of stock of loan of Jan. 28, 1847, Premiums and commissions on purchase of stock of loan of Jan. 28, 1847, . . . . .		430,250.00
Interest on Treasury-notes, . . . . .	231,482.35	69,713.19
Interest on Mexican indemnity stock, . . . . .	15,178.74	
Redemption of Treasury-notes purloined, in- cluding interest, . . . . .	1,293.45	
Redemption stock certificates for 4th and 5th instalments of Mexican indemnity, . . . . .		15,977.16
Redemption Treas.-notes, act of Feb. 4, 1819, Total public debt, . . . . .	7,437,366.41	527.00
Total expenditures, . . . . .	43,002,168.69	4,217,986.10
Balances in the Treasury, July 1, 1850 and '51,	6,604,544.49	48,005,878.68
		11,911,645.68

2. *Statement of Duties, Revenues, and Public Expenditures for the First Quarter of the Fiscal Year from the 1st of July to the 30th of September, 1851 (agreeably to Warrants issued, exclusive of Trust Funds).*

RECEIPTS.

From Customs, . . . . .	\$ 14,754,909.34
Sales of public lands, . . . . .	581,892.82
Miscellaneous and incidental sources, including mili- tary contributions in Mexico, . . . . .	224,709.67
Total, . . . . .	\$ 15,561,511.83

EXPENDITURES.

For civil, miscellaneous, and foreign intercourse, . . . . .	\$ 3,000,337.77
Army proper, &c., . . . . .	2,752,459.27
Fortifications, ordnance, arming militia, &c., . . . . .	415,789.15
Indian department, . . . . .	761,341.10
Pensions, . . . . .	920,312.80
Naval establishment, . . . . .	2,256,838.04
Paying old public debt, . . . . .	557.67
Interest on Treasury-notes, and Mexican indemnity stock, . . . . .	8,040.27
Expenses of collecting revenue from customs, . . . . .	488,792.31
Ditto from lands, . . . . .	58,319.34

\* Including Treasury-notes and Mexican indemnity stock.

† \$50 was paid in specie, \$100 in lands, and \$5,700 funded.

‡ \$150 was paid in specie, \$1,600 for customs, \$2,650 for lands, and \$83,500 funded.

For reimbursement of Treasury-notes, under act of July 22, 1846, in specie,	100.00
Redemption of stock issued for 4th and 5th instalments of Mexican indemnity,	287,596.76
Total,	\$ 10,950,484.48
Deduct repayments on account of interest of public debt,	12,898.17
Balance,	\$ 10,937,586.31

3. *Statement of the Debt of the United States on the 20th November, 1851.*

Denomination of Debt.	Rate of Interest, per Cent.	When redeemable.	Amount.
Principal and interest of the old funded and unfunded debt, Treasury-notes of 1812, and Yazoo scrip,		On present'ion	\$ 116,716.79
Debt of the corporate cities of the District of Columbia, assumed per act of May 20, 1836,	5†	{ \$ 60,000 per annum }	840,000.00
Outstanding Treasury-notes issued prior to July 22, 1846, payable or fundable,		On present'ion	135,711.64
Outstanding Treasury-notes issued under act of July 22, 1846, payable or fundable,		On present'ion	17,550.00
Ditto under act of Jan. 28, 1847,		On present'ion	9,500.00
Loan of April 15, 1842,	6	Dec. 31, 1862	8,198,686.03
“ March 3, 1843,	5	July 1, 1853	6,237,931.35
“ July 22, 1846,	6	Nov. 12, 1856	4,999,149.45
“ January 28, 1847,	6	Jan. 1, 1868	26,265,100.00
“ March 31, 1848,	6	July 1, 1868	15,740,000.00
			62,560,395.26
Amount of debt, per statement, Dec. 1, 1850,			64,228,238.37
Deduct payments —			
On account of old debt,		2,869.19	
On account of debt of the cities,		60,000.00	
Stock purchased, loan of 1843,		230,300.00	
Stock purchased, loan of 1847,		1,070,450.00	
Treasury-notes paid in specie,		650.00	
Stock paid for 4th and 5th instalments Mexican indemnity,		303,573.92	
Present amount as above,			1,667,843.11
			\$ 62,560,395.26

4. *Statement of Redemption of Treasury-notes during the Fiscal Year ending 30th June, 1851.*

Reimbursement of Treasury-notes by acts prior to July 22, 1846,	* \$ 3,677.67
Ditto by act of July 22, 1846,	† 9,600.00
Ditto by act of January 28, 1847 (all funded),	190,500.00
Total,	\$ 203,777.67

\* In specie, \$ 227.67; for lands, \$ 50; funded, \$ 3,400.

† In specie, \$ 100; funded, \$ 9,500.

5. *Statement of the Debt of the United States, the Total Value of Imports and Exports, and the Total Tonnage, from 1791 to 1851, fractions excluded.*

Years.	Debt.	Imports.	Exports.	Tonnage.
1791	\$75,463,476	\$52,200,000	\$19,012,041	502,146
1792	77,227,924	31,500,000	20,753,098	564,437
1793	80,352,634	31,100,000	26,109,572	491,760
1794	78,427,405	34,600,000	33,026,233	625,817
1795	80,747,587	69,756,263	47,989,472	747,964
1796	83,762,172	81,436,164	67,064,097	831,900
1797	82,064,479	75,379,406	56,850,206	876,913
1798	79,228,529	68,551,700	61,527,097	893,328
1799	78,408,670	79,063,148	78,665,522	946,408
1800	82,976,294	91,252,763	70,971,780	972,492
1801	83,033,051	111,363,511	94,115,925	1,033,219
1802	80,712,532	76,333,333	72,483,160	892,101
1803	77,054,636	64,666,666	55,800,033	949,147
1804	86,427,121	85,000,000	77,699,074	1,042,404
1805	82,312,150	120,000,000	95,566,021	1,140,369
1806	75,723,271	129,000,000	101,536,963	1,208,735
1807	69,213,399	133,500,000	108,343,150	1,268,548
1808	65,196,318	56,990,000	22,439,960	1,242,596
1809	57,023,192	59,400,000	52,203,231	1,350,281
1810	53,173,217	85,400,000	66,757,974	1,424,763
1811	48,005,588	53,400,000	61,316,531	1,232,502
1812	45,209,738	77,030,000	38,527,226	1,269,997
1813	55,962,528	22,005,000	27,855,997	1,666,628
1814	81,487,946	12,965,000	6,927,441	1,169,209
1815	99,833,660	113,041,274	52,557,753	1,368,127
1816	127,334,934	147,103,000	81,920,452	1,372,218
1817	123,491,965	99,250,000	87,671,569	1,399,912
1818	103,466,634	121,750,000	93,251,133	1,225,184
1819	95,529,648	87,125,000	70,142,521	1,260,751
1820	91,015,566	74,450,000	69,691,669	1,290,166
1821	89,987,428	62,585,724	64,974,332	1,293,958
1822	93,546,677	83,241,541	72,160,281	1,324,699
1823	90,875,877	77,579,267	74,699,030	1,336,666
1824	90,269,778	80,549,007	75,956,657	1,399,163
1825	83,788,433	96,340,075	99,535,398	1,423,112
1826	81,054,080	84,974,477	77,595,322	1,534,191
1827	73,987,367	79,494,068	82,324,827	1,620,608
1828	67,475,044	88,509,824	82,264,686	1,741,392
1829	65,421,414	74,492,527	72,358,671	1,260,798
1830	48,555,406	70,876,920	73,849,508	1,191,776
1831	39,123,192	103,191,134	81,310,583	1,267,947
1832	24,322,235	101,029,266	87,176,943	1,436,450
1833	7,001,699	108,118,311	90,140,433	1,606,151
1834	4,760,062	126,521,332	104,336,973	1,758,907
1835	37,733	149,895,742	121,693,577	1,824,940
1836	37,513	189,980,035	128,663,040	1,882,103
1837	1,878,224	140,939,217	117,419,376	1,896,636
1838	4,857,660	108,486,616	113,717,404	1,995,640
1839	11,983,738	121,028,416	162,092,132	2,096,380
1840	5,125,078	131,571,950	104,805,891	2,180,764
1841	6,737,398	127,946,177	121,851,803	2,130,744
1842	15,025,496	100,162,087	104,691,534	2,092,391
1843	26,898,953	64,753,799*	84,346,480*	2,158,603
1844	26,143,996	108,435,035†	111,200,046†	2,280,095
1845	16,801,647	117,254,564†	114,646,606†	2,417,002
1846	24,256,495	121,691,797†	113,488,516†	2,562,085
1847	45,659,659	146,545,639†	158,648,622†	2,839,046
1848	65,804,450	154,977,928†	154,036,436†	3,154,042
1849	64,704,633	147,857,439†	145,755,820†	3,334,015
1850	64,228,238	178,138,318†	136,946,912†	3,535,454
1851	62,560,395	216,224,932†	218,338,011†	3,772,439

\* Only nine months of 1843.

† For the year ending June 30.

‡ This differs from the footing on page 180, but is the same as on page 178, and is the more exact amount. The discrepancy appears to be in the exports of foreign produce.

6. *Statement of the Receipts into the National Treasury, from Customs, Internal Revenue and Direct Taxes, and Sales of Public Lands, — fractions of a Dollar being excluded, — for 63 years, from 1789 to 1851, inclusive.*

Years.	Customs.	Internal and Direct Taxes.	Sales of Lands and Miscellaneous.	Aggregate of Receipts.	
				In each Year.	In each Period of four Years.
1789 - 91	\$ 4,399,473			\$ 4,399,473	
1792	3,443,071	\$ 208,943		3,652,014	\$ 8,051,437
1793	4,255,306	337,706		4,593,012	
1794	4,801,065	274,090		5,075,155	
1795	5,588,461	337,755		5,926,216	
1796	6,667,988	475,290	\$ 4,836	7,048,114	22,642,497
1797	7,549,650	575,491	83,541	8,208,682	
1798	7,106,062	644,358	11,963	7,762,383	
1799	6,610,449	779,136		7,389,585	
1800	9,080,933	1,543,620	444	10,624,997	33,985,647
1801	10,750,779	1,582,377	167,726	12,500,882	
1802	12,438,236	828,464	188,628	13,455,328	
1803	10,479,418	287,059	165,676	10,932,153	
1804	11,098,465	101,139	487,527	11,687,231	43,575,634
1805	12,936,487	43,631	540,194	13,520,312	
1806	14,667,698	75,865	765,246	15,508,809	
1807	15,845,523	47,784	466,163	16,359,469	
1808	16,363,550	27,370	647,939	17,038,859	62,427,449
1809	7,296,021	11,562	442,252	7,749,835	
1810	8,583,309	19,879	696,549	9,299,737	
1811	13,313,223	9,962	1,040,238	14,363,423	
1812	8,968,778	5,762	710,428	9,674,968	41,087,963
1813	13,224,623	8,561	835,655	14,068,839	
1814	5,998,772	3,882,482	1,135,971	11,017,225	
1815	7,282,942	6,940,733	1,287,959	15,411,634	
1816	36,306,875	9,378,344	1,717,985	47,403,204	87,900,902
1817	26,283,348	4,512,288	1,991,226	32,786,862	
1818	17,176,335	1,219,613	2,606,565	21,002,563	
1819	20,283,609	313,244	3,274,423	23,871,276	
1820	15,006,612	137,847	1,635,872	16,779,331	94,440,032
1821	13,004,447	98,377	1,212,966	14,315,790	
1822	17,589,762	88,617	1,803,582	19,481,961	
1823	19,088,433	44,580	916,523	20,049,536	
1824	17,878,326	40,865	964,418	18,903,609	72,750,896
1825	20,098,714	28,102	1,216,090	21,342,906	
1826	23,341,332	28,228	1,393,785	24,763,345	
1827	19,712,283	22,513	1,495,945	21,230,641	
1828	23,205,524	19,671	1,018,309	24,243,504	91,580,396
1829	22,681,966	25,838	1,517,175	24,224,979	
1830	21,922,391	29,141	2,329,356	24,280,888	
1831	24,224,442	17,440	3,210,815	27,452,697	
1832	28,465,237	18,422	2,623,381	31,107,040	107,065,604
1833	29,032,509	3,153	3,967,682	33,003,344	
1834	16,214,957	4,216	4,857,601	21,076,774	
1835	19,391,311	14,723	4,757,601	24,163,635	
1836	23,409,940	1,099	4,877,180	28,288,219	136,531,972
1837	11,169,290		6,863,556	18,032,846	
1838	16,158,800		3,214,184	19,372,984	
1839	23,137,925		7,261,118	30,399,043	
1840	22,499,502		3,494,356	16,993,858	84,798,731
1841	14,487,217		1,470,295	15,957,512	
1842	18,187,909		1,456,058	19,643,967	
6 mo. of 1843	7,046,844		1,018,482	8,065,326	
*1844	26,183,571		2,320,943	28,504,519	72,171,324
*1845	27,528,113		2,241,021	29,769,134	
*1846	26,712,668		2,786,579	29,499,247	
*1847	23,747,864		2,598,926	26,346,790	
*1848	31,757,070		3,679,679	35,436,750	
*1849	28,346,738		2,727,608	31,074,347	121,051,921
*1850	39,668,686		3,707,112	43,375,798	
*1851	49,017,568		3,295,412	52,312,979	

\* For the year ending June 30.

**7. Statement of the Expenditures of the United States, exclusive of Payments on Account of the Public Debt and from Trust Funds, fractions excluded.**

Years.	Civil List, Foreign Inter- course, and Miscellaneous.	Military Estab- lishment.	Naval Estab- lishment.	Aggregate of Expenditures.	
				In each Year.	In each Period of four Years.
1789 - 91	\$ 1,083,401	\$ 835,618	\$ 570	\$ 1,919,589	
1792	654,257	1,223,594	53	1,877,904	\$ 3,797,493
1793	472,450	1,237,620		1,710,070	
1794	705,598	2,733,540	61,409	3,500,547	
1795	1,367,037	2,573,059	410,552	4,350,658	
1796	772,485	1,474,661	274,784	2,521,930	12,083,205
1797	1,946,904	1,194,055	382,632	2,823,591	
1798	1,111,038	2,130,837	1,381,348	4,623,223	
1799	1,039,392	2,582,693	2,858,082	6,480,167	
1800	1,337,613	2,625,041	3,448,716	7,411,370	21,338,351
1801	1,114,768	1,755,477	2,111,424	4,981,669	
1802	1,462,929	1,358,589	915,562	3,737,080	
1803	1,842,636	944,958	1,215,231	4,002,825	
1804	2,191,009	1,072,017	1,189,833	4,452,859	17,174,433
1805	3,768,588	991,136	1,597,500	6,357,224	
1806	2,891,037	1,540,431	1,649,641	6,081,109	
1807	1,697,997	1,564,611	1,722,064	4,984,672	
1808	1,423,286	3,196,965	1,884,068	6,504,339	23,927,244
1809	1,215,804	3,771,109	2,427,759	7,414,672	
1810	1,101,145	2,555,693	1,654,244	5,311,082	
1811	1,367,291	2,259,747	1,965,566	5,592,604	
1812	1,683,088	12,187,046	3,959,365	17,829,499	36,147,857
1813	1,729,435	19,906,362	6,446,600	28,082,397	
1814	2,208,029	20,808,366	7,311,291	30,127,636	
1815	2,898,871	15,394,700	8,680,000	26,953,571	
1816	2,989,742	16,475,412	3,908,278	23,373,432	106,537,086
1817	3,518,937	8,621,075	3,314,598	15,454,610	
1818	3,835,839	7,019,140	2,953,696	13,808,674	
1819	3,067,212	9,385,421	3,847,640	16,300,273	
1820	2,592,022	6,154,518	4,387,990	13,134,530	58,696,067
1821	2,223,122	5,181,114	3,319,243	10,723,479	
1822	1,967,996	5,635,187	2,224,459	9,827,642	
1823	2,022,094	5,258,295	2,503,768	9,784,155	
1824	7,155,308	5,270,255	2,904,582	15,330,145	45,665,421
1825	2,748,544	5,692,831	3,049,084	11,490,459	
1826	2,600,178	6,243,236	4,218,902	13,062,316	
1827	2,314,777	5,675,742	4,263,878	12,254,397	
1828	2,886,052	5,701,203	3,918,786	12,506,041	49,313,213
1829	3,092,214	6,250,530	3,306,745	12,651,489	
1830	3,228,416	6,752,689	3,239,429	13,220,534	
1831	3,064,346	6,943,239	3,866,183	13,863,768	
1832	4,574,841	7,982,877	3,956,370	16,514,088	56,249,879
1833	5,051,789	13,096,152	3,901,357	22,049,298	
1834	4,399,779	10,064,428	3,956,280	18,420,467	
1835	3,720,167	9,420,313	3,864,939	17,005,419	
1836	5,388,371	18,466,110	5,800,763	29,655,244	87,130,428
1837	5,524,253	19,417,274	6,852,060	31,793,587	
1838	5,666,703	19,936,312	5,975,771	31,578,785	
1839	4,994,562	14,268,981	6,225,003	25,488,547	
1840	5,681,878	11,621,438	6,124,456	23,327,772	112,188,691
1841	6,490,881	13,704,982	6,001,077	26,196,940	
1842	6,775,625	9,188,469	8,397,243	24,361,337	
6 mo. of 1843	2,867,289	4,158,384	3,672,718	10,698,391	
*1844	5,231,747	8,231,317	6,496,991	19,960,055	81,216,623
*1845	5,608,207	9,533,203	6,228,639	21,370,049	
*1846	6,783,000	13,579,428	6,450,862	26,813,290	
*1847	6,715,554	41,281,606	7,931,633	55,929,083	
*1848	5,585,070	27,520,163	9,406,737	42,511,970	146,924,402
*1849	14,017,640	17,290,936	9,869,818	57,631,667	
*1850	14,839,725	12,801,764†	7,923,313	43,002,168	
*1851	17,872,967	11,811,793	8,967,798	48,005,879	

\* For the year ending June 30.

† Including \$3,400,524.87 expended by the Department of the Interior.

## XI. COMMERCE AND NAVIGATION.

## 1. VALUE OF DIFFERENT ARTICLES IMPORTED.

*Value of Goods, Wares, and Merchandise imported into the United States in all vessels, from July 1, 1850, to June 30, 1851.*

Species of Merchandise.	Value.	Species of Merchandise.	Value.
<b>FREE OF DUTY.</b>		<i>Carpeting.</i>	
Animals for breed,	\$88,965	Brussels, Turkey, and treble-ingrained,	\$677,549
<i>Bullion.</i>		Venetian and other ingrained,	88,655
Gold,	198,446	Not specified,	72,952
Silver,	48,471	<i>Manufactures of Cotton.</i>	
<i>Specie.</i>		Printed, stained, or colored,	14,449,421
Gold,	3,372,644	White or uncolored,	1,499,044
Silver,	1,835,942	Tamboured or embroidered,	1,928,522
Copper,	89	Velvets wholly of cotton,	251,325
Models of inventions and improvements in the arts,	7,726	Cotton and silk,	13,088
Teas,	4,694,657	Cords, gimps, and galloons,	30,252
Coffee,	12,845,949	Hos'y and art. made on frames,	2,117,899
<i>Copper.</i>		Twist, yarn, and thread,	960,839
In plates, for sheathing ships,	734,610	Hatters' plush, of silk & cotton,	59,432
In ore,	65,266	Manufactures of, not specified,	834,620
Cotton, unmanufactured,	11,281	<i>Manufactures of Silk.</i>	
Adhesive felt, for sheathing,	6,645	Piece goods,	22,178,379
Paintings and statuary of American artists,	23,953	Hosiery and articles made on frames,	785,832
Specimens of natural history, &c.,	1,373	Sewing-silk,	379,455
Sheathing metal,	299,004	Art. tamboured or embroidered,	1,367,063
Platina, unmanufactured,	26,836	Hats and bonnets,	77,276
Plaster, unground,	73,088	Manufactures of, not specified,	960,699
Personal effects of immigrants,	108,548	Floss,	8,251
Personal and household effects of citizens dying abroad,	3,776	Raw silk,	448,198
Old junk,	37,987	Bolting cloths,	23,541
Oakum,	4,637	Silk and worsted goods,	1,733,076
Garden-seeds, trees, &c.,	168,386	Camlets of goats' hair or mohair,	9,501
Products of U. S. brought back,	257,616	<i>Manufactures of Flax.</i>	
Guano,	97,881	Linens, bleached or unbleached,	7,748,623
<i>Articles imported for colleges, &amp;c.</i>		Hos'y and art. made on frames,	3,361
Philosophical apparatus, &c.,	7,056	Art. tamboured or embroidered,	60,137
Books, maps, and charts,	8,783	Manufactures of, not specified,	963,619
Statues, busts, casts of marble, &c.,	1,991	<i>Manufactures of Hemp.</i>	
Paintings, drawings, &c.,	14,372	Sheetings, brown and white,	1,868
Cabinets of coins, antiquities, &c.,	1,740	Ticklenburgs, osenaburgs, and burlaps,	7,967
All other articles,	70,869	Articles not specified,	483,925
<b>Total,</b>	<b>25,106,587</b>	Russia sail-duck,	39,586
<b>PAYING DUTY.</b>		Holland,	5,010
<i>Manufactures of Wool, &amp;c.</i>		Ravensduck,	30,258
Cloths and cassimeres,	7,669,520	Cotton bagging,	93,154
Merino shawls of wool,	1,00,535	<i>Clothing.</i>	
Blankets,	1,506,469	Ready made,	113,700
Hosiery and articles on frames,	1,211,049	Articles of wear,	945,294
Worsted stuff goods,	5,419,174	Laces, thread, and insertings,	223,115
Woolen and worsted yarn,	216,876	Cotton insert'gs, trimmings, &c.,	756,651
Woolen and worsted, embroidered or tamboured,	9,299	Floor-cloth, patent, painted, &c.,	16,190
Manufactures of, not specified,	1,223,517	Oil-cloth of all kinds,	42,408
Funnels,	130,489	Hair-cloth and hair-seating,	253,154
Baizes,	110,600	Lasting and mohair-cloth for shoes, &c.,	113,092
<i>Carpeting.</i>		Gunny cloth,	453,904
Wilton, Saxony, and Ambusson,	157,625	Matting, Chinese and others of flags, &c.,	162,841
		<i>Hats, Caps, Bonnets, &amp;c., of</i>	
		Hair, whalebone, &c.,	648
		Leghorn, straw, grass, chip, &c.,	1,451,285
		Palm-leaf, rattan, willow, &c.,	19,758

Species of Merchandise.	Value.	Species of Merchandise.	Value.
<b>Manufactures of Iron and Steel.</b>		<b>Lead, and Manufactures of.</b>	
Muskets and rifles,	\$ 58,060	Manufactures of, not specified,	\$ 111
Fire-arms not specified,	461,756	<i>Pewter,</i>	
Side-arms,	1,822	Old,	2,033
Drawing and cutting knives,	10,488	Manufactures of,	5,844
Hatchets, axes, and adzes,	3,555	<b>Manufactures of gold and silver.</b>	
Socket chisels,	7,037	Laces, galloons, tassels, &c.,	26,859
Steelyards and scale-beams,	13,207	Epaulettes and wings,	4,647
Vices,	33,944	Gold and silver leaf,	1,866
Sickles and reaping-hooks,	1,703	Jewelry, real, or imitations of,	422,970
Scythes,	18,974	Gems, diamonds, pearls, &c., set,	3,430
Spades and shovels,	4,381	" " " otherwise,	99,972
Squares,	2,587	Manufactures of, not specified,	87,060
Needles, sewing, darning, &c.,	217,963	Glaziers' diamonds,	1,611
Cast-iron butts and hinges,	23,586	Clocks,	66,734
Cutlery not specified,	1,552,732	Chronometers,	19,526
Manufactures of, not speci-		Watches, and parts of,	2,309,349
fied,	4,064,497	Metallic pens,	85,900
Sad-irons, hatters and tailors'		Square iron for umbr. stretchers,	15,363
irons,	741	Pins in packs and otherwise,	24,745
Bonnet-wire,	4,057	Buttons, metal,	25,616
Wire not above No. 14,	78,230	Other buttons, and button-moulds,	584,973
Wire above No. 14,	36,185	<b>Glass.</b>	
Nails,	125,738	Silvered and in frames,	321,793
Spikes,	1,554	Paintings on glass, &c.,	792
Chain-cables,	268,529	Polished plate,	225,999
Mill, cross-cut, and pit saws,	14,522	Manufactures of, not specified,	198,860
Anchors, and parts thereof,	22,347	Cut,	55,148
Anvils, and parts thereof,	60,538	Plain,	89,891
Smiths' hammers and sledges,	5,753	Watch-crystals,	33,855
Castings, vessels of,	6,146	Glasses or pebbles for spectacles	8,068
All other castings,	15,844	Apothecaries' vials, N. by A.,	
Braziers' rods, from 3.16 to		16 ounces each,	1,123
10.16 inches,	24,172	Perfumery and fancy vials, N.	
Nail-roads, slit, rolled, or ham-		by A., 16 ounces each,	1, 62
mered,	14,946	Bottles not above two quarts,	100,566
Band or scroll iron,	24,442	Demijohns,	28,921
Hoop iron,	243,924	Window-glass, 8 by 10, or less,	26,748
Sheet " "	716,878	" 10 by 12, "	163,826
Pig " "	787,524	" above 10 by 12,	123,015
Old and scrap,	112,029	<b>Paper, and Manufactures of.</b>	
Bar, manufactured by rolling,	7,324,283	Antiquarian, imperial, super-	
Bar, manufactured otherwise,	900,026	royal, &c.,	110
<b>Steel.</b>		Medium, cap, demy, and oth-	
Cast, shear, and German,	1,266,129	er writing,	255,170
All other,	303,934	Folio and quarto post,	44,437
<b>Copper, and Manufactures of.</b>		Bank and bank-note paper,	815
In pigs, bars, and old,	1,531,704	Binders' boards, box, press-	
Wire,	94	ing, and paste boards,	479
Braziers' bottoms,	11	Copperplate printing and draw-	
Copper bottoms,	14,588	ing,	357
Manufactures of, not specified,	173,809	Playing cards,	17,406
Rods and bolts,	177,952	Papier maché, articles and	
Nails and spikes,	792	wares of,	87,973
<b>Brass, and Manufactures of.</b>		Paper hangings,	123,629
In pigs and bars, and old,	7,848	Paper boxes and fancy boxes,	26,438
Wire,	70	Manufactures of, not specified,	151,434
Manufactures of, not specified,	165,721	Blank books,	12,562
<b>Tin, and Manufactures of.</b>		<b>Books, printed.</b>	
In pigs and bars,	378,117	In Hebrew,	5
In plates and sheets,	3,547,171	In Latin and Greek,	2,318
Foil,	21,657	In English,	384,563
Manufactures of, not specified,	24,102	In other languages,	93,463
<b>Lead, and Manufactures of.</b>		Periodicals and illustrated	
Pig, bar, sheet, and old,	1,517,603	newspapers,	15,430
Shot,	5,971	Periodicals and other works in	
Pipes,	453	the course of publication,	669



Species of Merchandise.	Value.	Species of Merchandise.	Value.
<b>Leather, and Manufactures of.</b>		<b>Unmanufactured articles.</b>	
Tanned, bend, and sole,	\$ 24,308	Angora, Thibet, and other goats' hair, &c.,	\$ 14,317
Tanned and dressed upper,	58,582	Wool,	8,833,167
Skins, tanned and dressed,	1,022,406	<b>Wines, in casks.</b>	
Skins, tanned, not dressed,	24,853	Burgundy,	1,355
Skivers,	41,909	Madeira,	116,008
Boots and bootses for men and women,	28,853	Sherry and San Lucar,	154,669
Shoes and pumps, for men and women,	17,277	Port,	349,849
Boots, bootses, and shoes for children,	8,790	Claret,	280,333
Gloves for men, women, and children,	1,314,706	Teneriffe and other Canary,	15,542
Manufactures of, not specified,	274,678	Fayal and other Azores,	2,938
<b>Wares.</b>		Sicily and other Mediterranean,	98,975
China, porcelain, earthen, and stone,	3,341,622	Austrian and other German,	4,519
Plated or gilt,	329,240	Red wines, not enumerated,	236,727
Japanned,	50,434	White wines, "	209,847
Britannia,	25,555	<b>Wines, in bottles.</b>	
Wedgewood,	5,986	Burgundy,	2,432
Silver plated metal,	6,124	Champagne,	655,108
Silver or plated wire,	50,604	Madeira,	2,064
<b>Saddlery.</b>		Sherry,	5,021
Common, tinned, or japanned,	116,211	Port,	8,201
Plated, brass, or polished steel,	209,468	Claret,	116,106
<b>Furs.</b>		All other,	99,536
Undressed, on the skin,	228,674	<b>Foreign Distilled Spirits.</b>	
Hatters' furs, dressed or undressed, not on the skin,	667,127	Brandy,	2,128,679
Dressed, on the skin,	67,533	From grain,	264,204
Hats, caps, muffs, and tippets,	12,658	From other materials,	100,860
Manufactures of, not specified,	12,150	Cordials,	34,127
<b>Wood, Manufactures of.</b>		<b>Beer, Ale, and Porter.</b>	
Cabinet and household furnit's,	30,122	In casks,	41,046
Cedar, mahogany, rose, satin,	60,464	In bottles,	200,848
Other manufactures of,	312,616	Vinegar,	5,801
<b>Wood, unmanufactured.</b>		Molasses,	3,707,581
Cedar, grenadilla, mahogany, rose, &c.,	428,951	<b>Oil &amp; Bone of foreign Fisheries.</b>	
Fire-wood, and other, not specified,	246,179	Spermaceti,	10
Dye-wood, in sticks,	610,785	Whale and other fish,	1,281
<b>Bark of the Cork-tree.</b>		Whalebone,	1,033
Corks,	131,181	<b>Oil.</b>	
Other manufactures of,	1,024	Olive, in casks,	106,889
Unmanufactured,	19,309	Castor,	15,047
<b>Marble.</b>		Linseed,	1,632,811
Manufactures of,	23,155	Rapeseed,	1,618
Unmanufactured,	104,509	Neats'-foot, and other animal,	11,149
Quicksilver,	62,767	Spirits of turpentine,	40
Brushes and brooms,	156,413	Teas, from places other than that of their production,	113,346
Black-lead pencils,	62,952	Coffee,	5,121
States of all kinds,	151,420	Cocoa,	126,153
Raw hides and skins,	5,964,838	Chocolate,	1,207
<b>Manufactured articles.</b>		<b>Sugar.</b>	
Boots and bootses of silk or satin,	26	Brown,	12,682,274
Shoes & slippers, prunella, &c.	140	White, clayed, or powdered,	235,732
" India-rubber,	23,161	Loaf, and other refined,	723,420
Grass-cloth,	12,687	Candy,	4,469
Gunny-bags,	183,137	Syrup of sugar-cane,	45
Umbrellas, parasols, &c., silk,	52,447	<b>Fruits.</b>	
" all other,	156	Almonds,	233,305
<b>Unmanufactured articles.</b>		Currants,	133,870
Flaxseed or linseed,	430,017	Prunes and plums,	81,773
		Figs,	135,569
		Dates,	4,393
		Raisins,	879,591
		Nuts,	123,296
		<b>Spices.</b>	
		Mace,	6,758
		Nutmegs,	248,975

Species of Merchandise.	Value.	Species of Merchandise.	Value.
<i>Spices.</i>		<i>Paints.</i>	
Cinnamon,	\$ 14,083	Dry ochre,	\$ 9,015
Cloves,	38,796	Ochre, in oil,	
Pepper, black,	192,722	Red and white lead,	52,631
red,	4,899	Whiting and Paris white,	22,423
Pimento,	103,796	Litharge,	365
Cassia,	102,834	Sugar of lead,	53,817
Ginger, ground,	39,887	<i>Cordage</i> , Tarred and cables,	41,173
" in root,	27,900	Untarred,	172,612
<i>Camphor</i> , Crude,	27,258	Twine,	50,292
Refined,	2,029	Seines,	299
<i>Candles</i> , Wax and spermaceti,	16,215	Hemp, unmanufactured,	223,934
Tallow,	28	Manilla, sun, and other hemp of	
Stearine,	7,531	India,	508,709
Cheese,	54,852	Jute, sisal-grass, coir, &c.,	201,316
Soap, other than perfumed,	62,616	Cordilla, or tow of hemp or flax,	15,887
Tallow,	12,306	Flax, unmanufactured,	176,197
Starch,	3,360	Rags of all kinds,	903,747
Pearl barley,	13,382	Salt,	1,047,890
Butter,	37,536	Coal,	479,785
Lard,	131	Coke or culm,	206
Beef and pork,	1,667	<i>Bread-stuffs.</i>	
Hams and other bacon,	13,456	Wheat,	609,691
Bristles,	244,694	Barley,	53,653
<i>Saltpetre.</i>		Rye,	23,158
Crude,	592,777	Oats,	163,448
Refined, or partly refined,	1,065	Wheat-flour,	1,008,929
Indigo,	675,087	Rye meal,	486
Wood or pastel,	1,429	Oatmeal,	6,478
Ivory and bone-black,	241	Potatoes,	94,441
Opium,	94,815	<i>Fish.</i>	
Glue,	28,393	Dried or smoked,	27,769
Gunpowder,	2,774	Salmon,	85,705
Alum,	16,822	Mackerel,	549,525
Copperas,	969	Herrings and shad,	54,449
Sulphate of quinine,	48,482	All other,	64,022
<i>Vitriol.</i>		<i>Merchandise not enumerated.</i>	
Blue or Roman,	11,981	At 5 per cent,	2,475,144
Oil of,	149	At 10 " "	1,789,258
Chloride of lime or bleaching		At 15 " "	1,302,605
powder,	161,676	At 20 " "	4,613,158
Soda, ash, or barilla,	867,958	At 25 " "	160,039
Sulphate of barytes,	16,179	At 30 " "	2,619,195
<i>Tobacco.</i>		At 40 " "	390,125
Unmanufactured,	555,608	<i>Value of Merchandise paying</i>	
Snuff,	353	<i>Duties ad valorem,</i>	191,118,345
Cigars,	2,520,812	<i>Free of Duty,</i>	25,106,587
Manufactured, other than snuff		<i>Total,</i>	216,224,932
and cigars,	12,550		

<i>Year ending June 30, 1847.</i>		<i>Year ending June 30, 1849.</i>	
Merchandise at specific duties,	\$ 13,717,044	Merchandise at ad valorem,	\$125,479,774
" ad valorem,	91,055,958	" free of duty,	22,377,665
" free of duty,	41,772,636	<i>Total,</i>	147,857,439
<i>Total,</i>	146,545,638		
<i>Year ending June 30, 1848.</i>		<i>Year ending June 30, 1850.</i>	
Merchandise at ad valorem,	\$132,281,325	Merchandise at ad valorem,	\$155,427,936
" free of duty,	22,716,603	" free of duty,	22,710,382
<i>Total,</i>	154,997,928	<i>Total,</i>	178,138,318

## 2. EXPORTS OF THE PRODUCE OF THE UNITED STATES.

*Summary Statement of the Value of the Exports of the Growth, Produce, and Manufacture of the United States, during the Four Years ending June 30, 1851.*

THE SEA.	Year ending June 30, 1848.	Year ending June 30, 1849.	Year ending June 30, 1850.	Year ending June 30, 1851.
<b>Fisheries.</b>				
Dried fish, or cod fisheries,	\$ 609,482	\$ 419,092	\$ 365,349	\$ 367,729
Pickled fish, or river fisheries (herring, shad, salmon, mackerel), . . . . .	109,315	93,085	91,445	113,932
Whale and other fish oil, . .	552,338	965,597	672,640	882,435
Spermaceti oil, . . . . .	208,832	572,763	788,794	1,044,967
Whalebone, . . . . .	314,107	337,714	646,483	689,662
Spermaceti candles, . . . .	186,839	169,403	260,107	195,916
Total Fisheries, . . . . .	1,980,913	2,547,654	2,824,818	3,294,601
<b>THE FOREST.</b>				
Skins and furs, . . . . .	607,787	656,228	852,466	977,762
Ginseng, . . . . .	162,640	182,966	122,916	100,549
<b>Products of Wood.</b>				
Staves, shingles, boards, scant- ling, hewn timber, . . . .	2,429,863	1,776,749	2,437,079	2,348,621
Other lumber, . . . . .	283,433	60,344	107,827	205,190
Masts and spars, . . . . .	129,760	87,720	52,109	70,095
Oak bark and other dye, . . .	148,126	95,392	205,771	355,477
All manufactures of wood, . .	2,942,696	1,697,828	1,948,752	2,076,395
Naval stores, tar, pitch, rosin, and turpentine, . . . . .	752,303	845,164	1,142,713	1,063,842
Ashes, pot and pearl, . . . .	466,477	515,603	572,870	649,091
Total Products of Wood, . . .	6,252,657	5,078,800	6,467,121	6,768,711
<b>AGRICULTURE.</b>				
<b>Products of Animals.</b>				
Beef, tallow, hides, and horned cattle, . . . . .	1,905,341	2,058,958	1,605,608	1,689,958
Butter and cheese, . . . . .	1,361,668	1,664,157	1,215,463	1,124,652
Pork (pickled), bacon, lard, live hogs, . . . . .	9,003,272	9,245,885	7,550,287	4,368,015
Horses and mules, . . . . .	190,295	96,932	139,494	198,155
Sheep, . . . . .	20,823	16,305	15,753	18,875
Wool, . . . . .	57,497	81,015	22,778	.. . . .
Total Products of Animals, . .		13,153,302	10,549,383	7,399,655
<b>Vegetable Food.</b>				
Wheat, . . . . .	2,669,175	1,756,848	643,745	1,025,732
Flour, . . . . .	13,194,109	11,280,582	7,098,570	10,524,331
Indian corn, . . . . .	3,837,483	7,966,369	3,892,193	1,762,549
Indian meal, . . . . .	1,807,601	1,169,625	760,611	622,866
Rye meal, . . . . .	174,566	218,248	216,076	145,802
Rye, oats, and other small grain and pulse, . . . . .	376,572	139,793	121,191	120,670
Biscuit, or ship-bread, . . . .	619,096	364,318	334,123	354,286
Potatoes, . . . . .	86,277	83,313	99,333	79,314
Apples, . . . . .	88,944	93,904	24,974	71,367
Rice, . . . . .	331,824	2,569,362	2,631,557	2,170,827
Total Vegetable Food, . . . .		25,642,362	15,822,373	16,877,844
Tobacco, . . . . .	7,551,122	5,804,207	9,951,023	9,219,251
Cotton, . . . . .	61,998,294	66,396,967	71,984,616	112,315,317
Hemp, . . . . .	27,657	8,456	5,633	29,114
<b>All other Agricultural Products.</b>				
Flax-seed, . . . . .	1,584	4	4,040	18,939
Hops, . . . . .	17,671	29,123	142,692	11,636
Brown sugar, . . . . .	8,891	24,906	23,037	29,170
Indigo, . . . . .	1,100	49	.. . . .	2,803
Total, . . . . .		54,082	169,769	62,597
<b>MANUFACTURES.</b>				
Soap and tallow candles, . . .	670,223	627,280	664,963	609,732
Leather, boots and shoes, . . .	194,095	151,774	193,598	458,838
Household furniture, . . . . .	297,368	237,342	278,025	362,830
Coaches and other carriages, . .	89,963	95,923	95,722	199,421
Hats, . . . . .	55,493	64,967	68,671	103,768

	Year ending June 30, 1848	Year ending June 30, 1849	Year ending June 30, 1850	Year ending June 30, 1851
Saddlery, . . . . .	\$ 27,435	\$ 37,276	\$ 20,893	\$ 30,100
Wax, . . . . .	134,577	121,720	118,055	122,835
Spirits from grain, . . . . .	90,957	67,129	48,314	36,064
Beer, ale, porter, and cider, . . . . .	78,071	51,320	52,251	57,975
Snuff and tobacco, . . . . .	563,435	613,044	648,832	1,143,547
Linseed oil and spirits of turpentine, . . . . .	331,404	148,056	229,741	145,410
Cables and cordage, . . . . .	29,911	41,636	51,357	52,054
<i>Iron.</i>				
Pig, bar, and nails, . . . . .	154,036	149,358	154,210	215,652
Castings, . . . . .	83,188	60,175	79,318	164,425
All manufactures of, . . . . .	1,022,408	886,630	1,677,792	1,875,621
Spirits from molasses, . . . . .	269,467	288,452	268,290	239,622
Sugar, refined, . . . . .	253,900	129,001	285,056	219,588
Chocolate, . . . . .	2,207	1,941	2,260	3,255
Gunpowder, . . . . .	125,263	131,297	190,352	164,257
Copper and brass, and copper manufactures, . . . . .	61,468	66,203	105,060	91,871
Medicinal drugs, . . . . .	210,581	220,894	334,789	351,585
<i>Cotton Piece Goods.</i>				
Printed or colored, . . . . .	351,169	466,574	606,631	1,006,561
White (uncolored), . . . . .	4,866,559	3,955,117	3,774,407	5,571,576
Nankeen, . . . . .	2,365	3,203		
Twist, yarn, and thread, . . . . .	170,633	92,555	17,405	37,260
All other manufactures of, . . . . .	327,479	416,680	335,981	625,808
Total of Cotton Goods, . . . . .		4,933,129	4,734,424	7,241,200
<i>Flax and Hemp.</i>				
Cloth and thread, . . . . .	495	1,009	1,183	1,647
Bags and all manufactures of, . . . . .	6,218	4,549	10,593	6,376
Wearing-apparel, . . . . .	574,834	75,945	207,632	1,211,894
Combs and buttons, . . . . .	16,461	38,136	23,987	27,334
Brushes of all kinds, . . . . .	2,160	2,924	2,827	8,257
Billiard-tables and apparatus, . . . . .	12	701	2,295	1,798
Umbrellas, parasols, sun-shades, . . . . .	2,916	5,800	3,395	12,260
Leather and Morocco skins not sold per pound, . . . . .	16,453	9,427	9,800	13,309
Fire engines and apparatus, . . . . .	7,686	458	3,140	9,488
Printing presses and type, . . . . .	30,403	28,031	39,242	71,401
Musical instruments, . . . . .	38,508	23,713	21,634	55,700
Books and maps, . . . . .	75,193	94,427	119,475	153,912
Paper and stationery, . . . . .	78,507	86,827	99,696	155,664
Paints and varnish, . . . . .	50,739	55,145	67,597	109,834
Vinegar, . . . . .	13,920	14,036	11,182	16,915
Earthen and stone ware, . . . . .	8,512	10,632	15,644	23,096
<i>Manufactures of</i>				
Glass, . . . . .	76,007	101,419	136,652	195,436
Tin, . . . . .	12,353	13,143	13,590	27,823
Pewter and lead, . . . . .	7,739	13,196	22,682	16,426
Marble and stone, . . . . .	22,466	20,282	34,510	41,449
Gold and silver, and gold-leaf, . . . . .	6,241	4,502	4,533	63,639
Gold and silver coin, . . . . .	2,700,412	966,874	2,046,679	18,069,580
Artificial flowers and jewelry, . . . . .	11,217	8,557	45,283	121,013
Molasses, . . . . .	5,563	7,442	14,137	16,830
Trunks, . . . . .	6,126	5,099	10,370	12,207
Brick and lime, . . . . .	24,174	8,671	16,348	22,045
Salt, . . . . .	73,274	82,972	75,103	61,424
Coal, . . . . .	47,112	40,396	167,090	163,977
Lead, . . . . .	84,278	30,198	12,797	11,774
Ice, . . . . .	75,547	95,027	107,018	106,805
<i>Articles not enumerated.</i>				
Manufactured, . . . . .	1,137,828	1,408,277	8,869,071	3,793,341
Other articles, . . . . .	851,383	769,559	679,556	1,166,898
Total, . . . . .	\$ 132,904,121	\$ 132,666,955	\$ 136,946,912	\$ 196,639,718

## 3. IMPORTS FROM AND EXPORTS TO FOREIGN COUNTRIES,

During the Year ending June 30, 1851.

	Countries.	Value of Imports.	Value of Exports.		
			Domestic Produce.	Foreign Produce.	Total.
1	Russia, . . . . .	\$ 1,392,782	\$ 1,465,704	\$ 145,987	\$ 1,611,691
2	Prussia, . . . . .	20,542	80,469	5,444	85,913
3	Sweden and Norway, . . . . .	967,237	760,800	21,566	782,366
4	Swedish West Indies, . . . . .	29,001	61,157	715	61,902
5	Denmark, . . . . .	38,887	92,257	19,540	111,797
6	Danish West Indies, . . . . .	235,894	902,687	125,602	1,028,299
7	Hanse Towns, . . . . .	10,008,364	5,406,956	641,491	6,047,447
8	Holland, . . . . .	2,062,706	1,911,115	284,054	2,195,169
9	Dutch East Indies, . . . . .	410,148	204,430	43,140	247,570
10	Dutch West Indies, . . . . .	572,470	366,898	138,089	504,987
11	Dutch Guiana, . . . . .	89,673	85,491	5,582	91,073
12	Belgium, . . . . .	2,377,630	2,709,363	142,619	2,852,012
13	England, . . . . .	90,612,238	1,512,921	8,161,266	113,273,187
14	Scotland, . . . . .	2,999,710	3,811,003	261,937	4,072,940
15	Ireland, . . . . .	235,938	598,688	1,200	599,888
16	Gibraltar, . . . . .	73,614	177,904	62,529	230,433
17	Malta, . . . . .	26,167	64,061	12,238	76,299
18	British East Indies, . . . . .	3,336,335	512,906	175,484	688,390
19	Cape of Good Hope, . . . . .	123,223	161,891		161,891
20	Mauritius, . . . . .		16,882	2,976	19,858
21	British Honduras, . . . . .	174,526	213,806	23,362	237,168
22	British Guiana, . . . . .	44,213	540	3,734	544,288
23	British West Indies, . . . . .	1,003,871	3,943,680	159,949	4,103,509
24	Canada, . . . . .	4,966,471	5,835,834	2,093,306	7,929,140
25	British American Colonies, . . . . .	1,736,651	3,224,553	861,230	4,085,783
26	Other British Colonies, . . . . .	132			
27	France on the Atlantic, . . . . .	29,789,124	24,567,087	2,814,668	27,381,755
28	France on the Mediterranean, . . . . .	1,928,429	735,018	135,393	870,411
29	French West Indies, . . . . .	22,909	289,579	20,702	310,281
30	Miquelon and French Fisheries, . . . . .		3,715		3,715
31	French Guiana, . . . . .	28,948	45,693	651	46,344
32	Bourbon, . . . . .		19,853	2,876	22,728
33	Spain on the Atlantic, . . . . .	451,797	968,713	1,075	969,788
34	Spain on the Mediterranean, . . . . .	1,710,776	4,457,381	137,472	4,594,803
35	Teneriffe and other Canaries, . . . . .	27,718	13,541	5,639	19,179
36	Manilla and Philippine Islands, . . . . .	1,264,688	125,544	7,000	132,544
37	Cuba, . . . . .	17,046,931	5,239,276	1,284,847	6,524,123
38	Porto Rico and other Spanish W. Indies, . . . . .	2,480,329	961,410	57,209	1,018,619
39	Portugal, . . . . .	367,548	167,342	4,996	172,338
40	Madeira, . . . . .	102,448	94,689	7,176	101,765
41	Fayal and other Azores, . . . . .	32,852	20,240	1,045	21,285
42	Cape de Verde Islands, . . . . .	1,850	57,476	2,437	59,913
43	Italy generally, . . . . .	2,051,897	1,736,834	127,406	1,864,240
44	Sicily, . . . . .	852,924	41,743	8,193	49,936
45	Sardinia, . . . . .	2,802	310,898	19,401	330,299
46	Trieste and other Austrian Ports, . . . . .	730,788	2,265,573	230,894	2,496,467
47	Turkey, Levant, &c. . . . .	901,236	162,204	65,529	227,733
48	Hayti, . . . . .	1,889,968	1,679,372	167,918	1,847,290
49	Mexico, . . . . .	1,804,779	1,014,690	567,093	1,581,783
50	Central America, . . . . .	149,856	223,302	39,089	262,391
51	New Granada, . . . . .	695,606	2,507,701	533,121	3,040,822
52	Venezuela, . . . . .	2,330,296	854,779	189,746	1,044,526
53	Brazil, . . . . .	11,525,304	3,128,956	623,980	3,752,916
54	Argentine Republic, . . . . .	3,265,382	659,852	414,916	1,074,768
55	Cisplatine Republic, . . . . .	19,114	32,711	13,078	45,789
56	Chili, . . . . .	2,734,746	1,608,877	286,428	1,895,305
57	Peru, . . . . .	94,733	249,760	22,338	272,098
58	China, . . . . .	7,065,144	2,155,945	329,342	2,485,287
59	West Indies generally, . . . . .	25,751	76,936		76,936
60	Ecuador, . . . . .	76,692			
61	South America generally, . . . . .	39,829	36,196	40,715	76,911
62	Africa generally, . . . . .	1,163,176	1,245,361	95,283	1,340,644
63	Asia generally, . . . . .		70,586	1,375	71,961
64	South Seas and Pacific Ocean, . . . . .	2,296	601,146	65,832	666,978
65	Sandwich Islands, . . . . .	16,852		381	391
Total, . . . . .		216,224,932	196,689,718	21,696,293	218,385,911

#### 4. TONNAGE OF VESSELS ENGAGED IN-FOREIGN TRADE, During the Year ending June 30, 1851.

	Countries.	American Tonnage.		Foreign Tonnage.	
		Entered.	Cleared.	Entered.	Cleared.
1	Russia, . . . . .	9,817	9,241	3,266	8,239
2	Prussia, . . . . .	262	184	704	1,635
3	Sweden and Norway, . . . . .	2,669	1,545	25,225	9,098
4	Swedish West Indies, . . . . .	278	1,319		
5	Denmark, . . . . .		199	544	2,086
6	Danish West Indies, . . . . .	10,386	18,233	5,052	4,175
7	Hanse Towns, . . . . .	21,734	16,696	90,539	69,724
8	Holland, . . . . .	11,417	9,239	18,262	26,014
9	Dutch East Indies, . . . . .	3,329	3,016	150	5,651
10	Dutch West Indies, . . . . .	15,923	7,687	7,663	806
11	Dutch Guiana, . . . . .	4,222	4,927	763	524
12	Belgium, . . . . .	16,578	17,654	7,524	3,829
13	England, . . . . .	619,592	621,566	411,611	274,283
14	Scotland, . . . . .	18,219	18,508	46,215	22,987
15	Ireland, . . . . .	5,488	8,142	74,021	12,618
16	Gibraltar, . . . . .	509	3,900	1,114	1,962
17	Malta, . . . . .	300	1,097	694	746
18	British East Indies, . . . . .	29,907	49,216	2,813	2,964
19	Cape of Good Hope, . . . . .	1,223	2,501	238	827
20	British Honduras, . . . . .	3,055	3,933	2,524	5,125
21	British Guiana, . . . . .	2,781	12,001	1,567	4,220
22	British West Indies, . . . . .	58,353	88,534	43,315	42,437
23	Canada, . . . . .	1,013,275	927,013	514,383	516,883
24	British American Colonies, . . . . .	62,458	103,235	362,218	592,507
25	France on the Atlantic, . . . . .	135,696	147,093	26,498	12,533
26	France on the Mediterranean, . . . . .	7,146	16,614	14,656	10,627
27	French West Indies, . . . . .	3,983	10,888	2,353	871
28	Miquelon and French Fisheries, . . . . .		672		2,072
29	French Guiana, . . . . .	681	1,006		
30	French Possessions in Africa, . . . . .				194
31	Spain on the Atlantic, . . . . .	9,940	14,688	5,547	12,424
32	Spain on the Mediterranean, . . . . .	15,101	9,576	19,590	44,014
33	Teneriffe and other Canaries, . . . . .	309	753	746	157
34	Manilla and Philippine Islands, . . . . .	9,933	15,134	2,549	4,805
35	Cuba, . . . . .	355,515	361,732	53,162	29,942
36	Porto Rico and other Spanish West Indies, . . . . .	48,336	36,320	7,874	6,013
37	Portugal, . . . . .	961	2,470	5,175	5,176
38	Madeira, . . . . .	1,068	3,379	137	1,314
39	Fayal and other Azores, . . . . .	1,864	1,532	678	723
40	Cape de Verde Islands, . . . . .	111	1,505		730
41	Tuscany, . . . . .	5,210	1,513	4,710	485
42	Sicily, . . . . .	27,178	2,845	16,473	1,916
43	Sardinia, . . . . .	168	6,741	6,204	8,479
44	Pontifical States, . . . . .			310	
45	Trieste and other Austrian Ports, . . . . .	814	10,179	6,281	13,371
46	Turkey, Levant, &c. . . . .	6,704	4,268	2,109	
47	Greece, . . . . .	207			
48	Hayti, . . . . .	39,940	33,153	7,520	7,586
49	Mexico, . . . . .	29,407	31,019	12,701	20,145
50	Central America, . . . . .	8,550	27,565	209	4,406
51	New Granada, . . . . .	166,375	205,390	9,960	12,585
52	Venezuela, . . . . .	17,103	11,761	2,738	2,891
53	Bolivia, . . . . .	383	189	254	129
54	Brazil, . . . . .	63,663	63,629	22,428	7,648
55	Argentine Republic, . . . . .	13,382	11,661	11,005	5,185
56	Cisplatine Republic, . . . . .	154	1,320	1,992	947
57	Chili, . . . . .	30,068	48,140	23,396	41,657
58	Peru, . . . . .	20,102	18,920	5,751	13,519
59	China, . . . . .	27,587	46,317	11,327	10,198
60	Ecuador, . . . . .	586	219	410	568
61	South America generally, . . . . .	245	1,768	1,185	
62	Liberia, . . . . .		257		
63	Africa generally, . . . . .	12,675	12,978	1,035	595
64	South Seas and Pacific Ocean, . . . . .	48,501	54,675	1,040	4,013
65	Sandwich Islands, . . . . .	18,992	36,390	3,215	12,008
66	Australia, . . . . .	6,381	7,832	27,168	25,223
67	Northwest Coast, . . . . .	137	1,967		
68	Greenland, . . . . .		376		
69	Atlantic Ocean, . . . . .	3,077	6,960		
70	Ionian Islands, . . . . .	846			
71	Indian Ocean, . . . . .	3,393	4,540		
72	Uncertain Places, . . . . .	102			
Total		3,054,349	3,200,519	1,939,091	1,939,091

**5. IMPORTS AND EXPORTS OF EACH STATE,  
During the Year ending June 30, 1851.**

States.	Value of Exports.			Value of Imports.		
	Domestic Produce.	Foreign Produce.	Total.*	In Amer. Vessels.	In Foreign Vessels.	Total.
Maine,	\$1,517,487	\$33,951	\$1,551,438	\$968,061	\$208,529	\$1,176,590
New Hampshire,	4,949		4,949	44,682	13,346	58,028
Vermont,	761,712	304	762,016	691,268		691,262
Massachusetts,	9,857,537	2,495,145	12,352,682	23,117,834	9,597,493	32,715,327
Rhode Island,	223,404	14,373	237,777	295,209	15,421	310,630
Connecticut,	433,894	184	434,078	320,858	22,136	342,994
New York,	68,104,542	17,902,477	86,007,019	106,668,635	34,977,903	141,646,538
New Jersey,	139		139		1,111	1,111
Pennsylvania,	5,101,969	254,067	5,356,036	11,541,212	2,627,549	14,168,761
Delaware,						
Maryland,	5,416,796	218,988	5,635,786	5,662,066	958,579	6,650,645
District of Columbia,	72,560		72,560	80,827	286	80,813
Virginia,	3,087,444	2,624	3,090,068	227,339	325,594	552,933
North Carolina,	426,748	4,347	431,095	125,978	80,953	206,931
South Carolina,	15,316,578		15,316,578	1,646,915	434,397	2,081,312
Georgia,	9,158,879	1,110	9,159,989	404,477	317,070	721,547
Florida,	3,939,910	262	3,940,172	38,575	56,122	94,997
Alabama,	18,528,824		18,528,824	43,736	369,710	413,446
Louisiana,	53,968,013	445,950	54,413,963	10,134,465	2,393,995	12,528,460
Mississippi,				845		845
Tennessee,				64,761		64,761
Missouri,				622,039		622,039
Ohio,	395,125		395,125	586,460	99,871	686,331
Kentucky,				213,570		213,576
Michigan,	183,448	7,978	191,426	182,140		182,146
Illinois,	114,336		114,336	3,609	1,048	4,657
Texas,	75,422		75,422	62,745	31,970	94,715
California,				2,225	11,306	13,531
Oregon,						
Total,	196,689,718	21,381,760	218,071,478	163,650,543	52,574,389	216,224,932

**6. VESSELS BUILT, AND THE TONNAGE THEREOF, IN THE UNITED STATES,  
For the Year ending June 30, 1851.**

States.	Class of Vessels.					Total number of Vessels built.	Total Tonnage. Tons. 95ths.
	Ships.	Brigs.	Schooners.	Sloops and canal-boats.	Steamers.		
Maine,	102	45	94	9	4	254	77,898 49
New Hampshire,	7					7	8,158 06
Vermont,			4			4	561 29
Massachusetts,	50	4	78	1		133	41,323 98
Rhode Island,	3	1	4	3	1	12	3,056 60
Connecticut,	1		22	7	5	35	3,414 20
New York,	25	2	60	88	54	229	76,805 02
New Jersey,	1		47	20	2	70	5,869 48
Pennsylvania,	4	3	14	103	76	200	28,626 10
Delaware,	1		7	4	3	15	2,058 47
Maryland,	15	10	101		4	130	18,027 04
District of Columbia,			1	71	2	74	4,439 17
Virginia,			16	7	4	27	1,778 31
North Carolina,			32	1		33	1,724 82
South Carolina,			4		1	5	625 12
Georgia,	2		1		3	6	2,369 15
Florida,			4			4	275 68
Alabama,			2	3		5	354 62
Mississippi,							
Louisiana,			15	1	8	24	2,327 05
Tennessee,					1	1	225 10
Kentucky,					38	38	8,861 49
Illinois,			4			4	313 56
Missouri,				5	6	11	2,066 04
Ohio,			6		19	25	6,035 51
Michigan,			5	3	1	9	1,365 92
Wisconsin,			1			1	76 39
California,					1	1	69 69
Total,	211	66	522	326	233	1,357	298,203 60

\* See note 1 on page 169.

**7. COMPARATIVE VIEW OF THE TONNAGE OF THE UNITED STATES,  
From 1815 to 1851 inclusive, in Tons.**

Years.	Registered Tonnage.	Enrolled & licensed Tonnage.	Reg. Tonn. in Whale Fishery.	Enrolled and Licensed Coasting Trade.	Cod Fishery.	Tonnage employed in Mackerel Fishery.	Whale Fishery.
1815	854,294	513,833		435,066	26,570		1,229
1816	800,759	571,453		479,979	37,879		1,168
1817	809,724	590,196	4,874	481,457	53,990		349
1818	606,068	619,095	16,134	503,140	58,551		614
1819	612,930	647,321	31,700	523,556	65,044		686
1820	619,047	661,118	35,391	539,060	60,842		1,053
1821	619,896	679,062	26,070	559,436	51,351		1,924
1822	628,150	696,548	45,449	573,060	58,405		3,133
1823	639,920	696,644	39,918	566,408	67,621		585
1824	669,972	729,190	33,165	589,223	68,419		180
1825	700,787	722,323	35,379	587,273	70,626		
1826	737,978	796,310	41,757	666,420	63,761		226
1827	747,170	873,437	45,653	732,937	74,048		336
1828	812,619	928,772	54,621	758,922	74,947		180
1829	650,142	610,654	57,284	568,858	101,796		
1830	576,675	615,311	38,911	516,978	61,554	26,973	792
1831	620,451	647,394	82,315	539,723	60,977	46,210	481
1832	636,969	752,460	72,668	649,627	54,027	47,427	377
1833	750,126	856,123	101,158	744,198	62,720	48,725	478
1834	857,438	901,468	108,060	783,618	56,403	61,082	364
1835	885,321	939,118	97,640	792,301	72,374	64,443	
1836	897,774	984,320	144,680	873,023	63,307	64,425	1,573
1837	810,447	1,086,238	127,241	956,930	90,551	46,810	1,894
1838	822,591	1,173,047	119,629	1,041,105	70,064	56,649	5,229
1839	834,244	1,262,324	131,845	1,153,551	72,258	35,983	439
1840	899,764	1,280,999	136,926	1,176,694	76,035	28,269	
1841	845,803	1,184,340	157,405	1,107,067	66,551	11,321	
1842	975,358	1,117,031	151,612	1,045,752	54,904	16,096	377
1843	1,009,305	1,149,297	152,374	1,076,155	61,224	11,775	142
1844	1,063,764	1,211,330	163,293	1,109,614	65,224	16,170	320
1845	1,095,172	1,321,329	190,695	1,190,898	69,826	21,413	206
1846	1,131,286	1,431,798	186,980	1,289,870	72,516	36,463	439
1847	1,241,312	1,597,732	193,858	1,452,623	70,177	31,451	
1848	1,360,886	1,793,155	192,176	1,620,988	82,451	43,558	432
1849	1,439,941	1,895,073	180,186	1,730,410	42,970	73,553	
1850	1,535,711	1,949,743	146,016	1,755,796	85,646	58,111	
1851	1,726,307	2,046,132	181,644	1,854,318	87,476	50,539	

No separate returns of tonnage employed in the mackerel fishery were made by the collectors prior to the year 1830.

**8. Entries and Clearances of American and Foreign Vessels, with their Crews, during the Year ending June 30, 1851.**

Whole number of American vessels entered during the year ending June 30, 1851, from foreign countries, . . . . . 8,951  
 Whole number of foreign vessels entered, from do., . . . . . 10,759  
 Total of American and foreign vessels, . . . . . 19,710

Whole number of American vessels cleared for foreign countries, . . . . . 9,274  
 Whole number of foreign vessels cleared for do., . . . . . 10,712  
 Total of American and foreign vessels, . . . . . 19,986

Crews of American vessels entered. Men, 113,471. Boys, 3,106. Total, 116,577.

Crews of foreign vessels entered. Men 90,796. Boys, 1,831. Total, 92,627.

Crews of American vessels cleared. Men, 113,640. Boys, 3,427. Total, 117,067.

Crews of foreign vessels cleared. Men, 89,659. Boys, 1,929. Total, 91,588.

**NOTE.** The returns from San Francisco do not give the crews of the vessels.



**9. NUMBER AND CLASS OF VESSELS BUILT, AND THE TONNAGE THERE-  
OF, IN THE UNITED STATES, FROM 1815 TO 1851, inclusive.**

Years.	Class of Vessels.					Total num- ber of Ves- sels built.	Total Tonnage. Tons. 96ths
	Ships.	Brigs.	Schoon- ers.	Sloops and canal-boats.	Steamers.		
1815	136	224	680	274		1,314	154,624 39
1816	76	122	781	424		1,403	131,668 04
1817	34	86	559	394		1,073	86,393 37
1818	53	85	428	332		898	82,421 20.
1819	53	82	473	242		850	79,817 86
1820	21	60	301	152		534	47,784 01
1821	43	89	248	127		507	55,856 01
1822	64	131	260	168		623	75,346 93
1823	55	127	260	165	15	622	75,007 57
1824	56	156	377	166	26	781	90,939 00
1825	56	197	538	168	35	994	114,997 25
1826	71	187	482	227	45	1,012	126,438 35
1827	55	133	464	241	38	934	104,342 67
1828	73	108	474	196	33	894	98,375 58
1829	44	68	485	145	43	785	77,098 65
1830	25	56	403	116	37	637	58,094 24
1831	72	95	416	94	34	711	85,962 68
1832	132	143	568	122	100	1,065	144,539 16
1833	144	169	625	185	65	1,188	161,626 36
1834	98	94	497	180	68	937	118,330 37
1835*	25*	50*	302*	100*	30*	507*	46,238 52*
1836	93	65	444	164	124	890	113,627 49
1837	67	72	507	168	135	949	122,987 22
1838	66	79	501	153	90	898	113,135 44
1839	83	89	439	122	125	868	120,988 34
1840	97	109	378	224	64	872	118,309 23
1841	114	101	310	157	78	762	118,893 71
1842	116	91	273	404	137	1,021	129,063 64
1843*	58*	34*	138*	173*	79*	482*	63,617 77*
1844	73	47	204	279	163	766	103,537 29
1845	124	87	322	342	163	1,038	146,018 02
1846	100	164	576	355	225	1,420	188,203 93
1847	151	168	689	392	198	1,598	243,732 67
1848	254	174	701	547	175	1,851	318,075 54
1849	198	148	623	370	208	1,547	256,577 47
1850	247	117	547	290	159	1,360	272,218 54
1851	211	65	522	326	233	1,357	298,203 60

**XII. POST-OFFICE DEPARTMENT.**

**1. Post-Office Statistics for the Year ending June 30, 1851.**

Number of mail routes, July 1, 1851, . . . . .	6,170
Length of mail routes, July 1, 1851, miles, . . . . .	196,290
Amount of annual transportation in miles, . . . . .	53,272,252
Cost of same for year ending June 30, 1851, . . . . .	\$3,421,754
Average cost per mile, nearly, . . . . .	\$ 0.064

The mail service in California and Oregon having been irregular in its performance, and imperfectly reported to the department, is not included in the above.

Length of routes, six in number, connecting this with foreign } countries, covered by regular United States mail conveyance, }	18,349
Amount of annual transportation in miles, . . . . .	615,206
Annual cost of same, nearly, . . . . .	\$ 1,463,250†
Number of contractors, . . . . .	5,544
Route agents, local agents, and mail messengers, . . . . .	619
Number of post-offices supplied, . . . . .	19,796

\* For nine months.

† This service is paid partly by the Post-Office Department and partly by the Navy Department.

Increase in aggregate length of routes, since July 1, 1850, . . .	13,354
Increase of inland mail transportation since July 1, 1850, in miles, . . .	6,162,855
Increased cost of transportation, . . .	\$ 547,110
Increase of mail service over preceding year, per cent., . . .	13.4
Increase in total cost over preceding year, per cent., . . .	20
Gross revenue for the year, . . .	\$ 6,727,866.78
Ordinary expenditures for the year, . . .	\$ 6,024,566.79
Excess of gross revenue over ordinary expenditures, . . .	\$ 703,299.99

(For details, see *post*, page 188.)

During the year, 1,698 new post-offices were established, and 256 were discontinued. 2,649 postmasters were appointed in consequence of resignations; 187 in consequence of deaths; 206 for changes of sites of the offices; 1,698 to new offices; 599 by removals; in all, 5,339.

2. Table of Mail Service for the Year ending June 30, 1851.\*

States.	Length of routes.	Annual Transportation.				Total Transportation.	Total Cost.
		Mode not specified.	In Coaches.	In Steamboat.	By Railroad.		
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	
Maine, . . .	4,470	1,967	2,405		198	1,532,218	\$ 52,695
New Hampshire, . . .	1,976	716	1,990	30	240	760,136	30,277
Vermont, . . .	2,554	844	1,295		415	986,028	52,817
Massachusetts, . . .	3,115	963	831	265	1,056	2,240,216	135,229
Rhode Island, . . .	422	217	111		94	222,040	12,356
Connecticut, . . .	1,879	633	622	30	544	1,033,878	66,328
New York, . . .	14,976	5,792	6,543	1,145	1,496	7,383,126	382,765
New Jersey, . . .	2,544	1,164	1,135	28	217	1,074,216	60,751
Pennsylvania, . . .	12,523	8,039	3,898		586	3,710,912	172,800
Delaware, . . .	545	335	210		†	181,896	9,280
Maryland, . . .	2,542	1,571	555		416	1,350,483	153,333
Ohio, . . .	12,645	7,934	3,431	724	556	3,881,703	238,101
Virginia, . . .	12,345	9,517	1,891	610	327	2,671,070	175,086
North Carolina, . . .	7,933	5,918	1,536	282	247	1,706,744	154,929
South Carolina, . . .	4,931	3,872	571	160	328	1,135,544	108,555
Georgia, . . .	7,863	5,289	748	1,158	668	1,753,842	150,066
Florida, . . .	2,881	2,042	536	280	23	399,024	32,366
Michigan, . . .	5,252	2,814	1,442	653	343	1,331,711	77,965
Indiana, . . .	8,479	6,771	1,549		159	1,769,844	88,284
Illinois, . . .	11,358	6,583	4,525	145	105	2,724,056	164,653
Wisconsin, . . .	4,619	3,032	1,537	50		910,638	40,104
Iowa, . . .	3,093	2,030	1,063			710,736	27,955
Missouri, . . .	12,127	7,178	3,493	11,456		2,362,263	131,406
Minnesota Ter., . . .	639	364	55	270		69,992	1,578
Kentucky, . . .	9,466	5,433	1,738	\$ 2,240	55	3,052,365	157,911
Tennessee, . . .	8,327	5,896	1,942	489		1,694,544	81,879
Alabama, . . .	7,451	5,865	1,374	91	121	1,763,476	142,624
Mississippi, . . .	6,144	4,693	908	484	59	1,340,976	93,072
Arkansas, . . .	6,162	4,821	391	950		949,336	68,392
Louisiana, . . .	3,917	2,515	467	933	2	791,000	84,765
Texas, . . .	8,748	6,599	979	1,170		1,110,260	123,214
Total, . . .	192,026	121,357	48,771	13,643	8,255	52,704,278	3,271,536
California, . . .	3,729	3,246	223	260		537,476	130,280
Oregon, . . .	535	360	45	130		30,493	19,938
Mail Agencies, . . .							145,897
Foreign mails, . . .	7,749	60		7,689		193,472	448,937
Total, . . .	204,039	125,023	49,039	21,722	8,255	53,465,724	4,016,538

\* The entire service and pay are set down to the State under which it is numbered, though extending into other States, instead of being divided among the States in which each portion of it lies.

† The Baltimore, Wilmington, and Philadelphia Railroad is under a Maryland number.

‡ This embraces the steamboat service from St. Louis to New Orleans.

§ This embraces the steamboat service from Louisville to Cincinnati and from Louisville to New Orleans.

|| This includes the route from New Orleans to Mobile.

**3. Number of Post-Offices, Extent of Post-Routes, and Revenue and Expenditures of the Post-Office Department; with the Amount paid to Postmasters and for Transportation of the Mail, since 1790.**

Year.	No. of Post-Offices.	Extent of Post-Routes in Miles.	Revenue of the Department.	Expenditures of the Department.	Amount paid for Compens. of Postmasters.	Transport'n of the Mail.
1790	75	1,876	\$ 37,935	\$ 32,140	\$ 8,198	\$ 22,081
1795	453	13,307	160,620	117,863	30,373	75,359
1800	903	20,817	280,804	213,994	69,243	128,644
1805	1,558	31,076	421,373	377,367	111,552	239,635
1810	2,300	36,406	551,684	495,969	149,438	327,966
1815	3,000	43,748	1,043,065	748,121	241,901	487,779
1816	3,360	48,673	961,782	894,422	265,944	521,970
1817	3,459	52,099	1,092,973	916,515	303,916	589,189
1818	3,618	59,473	1,130,235	1,035,832	346,429	664,611
1819	4,000	67,686	1,204,737	1,117,861	375,828	717,881
1820	4,500	72,492	1,111,927	1,160,926	352,295	782,425
1821	4,650	78,806	1,059,067	1,184,263	337,599	815,681
1822	4,709	82,763	1,117,490	1,167,672	355,299	788,618
1823	4,043	84,860	1,130,115	1,156,995	360,462	767,464
1824	5,182	84,880	1,197,758	1,188,019	383,804	766,939
1825	5,677	94,052	1,306,525	1,229,043	411,183	786,646
1826	6,150	94,052	1,447,703	1,366,712	447,727	885,100
1827	7,003	105,336	1,624,633	1,468,959	486,411	942,345
1828	7,530	105,336	1,659,915	1,689,945	548,049	1,066,313
1829	8,004	115,000	1,707,418	1,782,132	559,237	1,153,646
1830	8,450	115,176	1,850,563	1,932,708	595,234	1,274,009
1831	8,686	115,486	1,997,811	1,936,123	635,028	1,262,226
1832	9,205	104,466	2,258,570	2,266,171	715,481	1,482,607
1833	10,127	119,916	2,617,011	2,930,414	826,283	1,894,638
1834	10,693	119,916	2,823,749	2,910,605	897,317	1,925,644
1835	10,770	112,774	2,993,356	2,757,350	945,418	1,719,007
1836	11,091	118,264	3,408,323	3,841,766	812,803	1,638,052
1837	11,767	141,242	4,236,779	3,544,630	891,352	1,986,727
1838	12,519	134,818	4,238,733	4,430,662	983,948	3,131,306
1839	12,780	133,999	4,484,667	4,636,536	980,000	3,285,622
1840	13,468	155,739	4,543,522	4,718,236	1,028,925	3,296,876
1841	13,778	155,926	4,407,736	4,499,628	1,018,645	3,189,375
1842	13,733	149,732	4,546,949	5,674,752	1,147,256	3,087,796
1843	13,814	142,295	4,296,235	4,374,754	1,426,394	2,947,319
1844	14,103	144,687	4,237,268	4,296,513	1,358,316	2,938,551
1845	14,183	143,940	4,269,841	4,320,732	1,409,875	2,906,804
* 1846	14,601	162,865	3,487,199	4,064,297	1,042,079	2,716,673
* 1847	15,146	153,818	3,955,898	3,979,570	1,000,228	2,476,455
* 1848	16,169	163,208	4,371,077	4,326,850		2,394,703
* 1849	16,749	163,708	4,905,176	4,479,049	1,320,921	2,577,407
* 1850	16,417	178,673	5,552,971	5,212,953	1,549,376	2,955,786
* 1851	19,796	196,290	6,727,867	6,278,402	1,781,686	3,538,064

\* The returns for 1846, 1847, 1848, 1849, 1850, and 1851 are for the six years under the law of March 3, 1845.

4. *Post-Offices in each State classified according to the Compensation allowed each Postmaster, for the Year ending June 30, 1851.\**

States.	\$2,000.	\$1,000 to \$2,000.	\$500 to \$1,000.	\$400 to \$500.	\$300 to \$400.	\$200 to \$300.	\$100 to \$200.	\$50 to \$100.	\$25 to \$50.	Under \$25.	Total.
Maine.	1	6	13	5	21	9	62	146	171	234	668
New Hampshire.		5	5	1	12	16	55	95	72	94	355
Vermont.		3	10	5	7	27	77	104	87	62	382
Massachusetts.	6	14	30	23	44	60	137	137	93	41	585
Rhode Island.		4	3	1		2	17	15	22	10	74
Connecticut.	1	6	11	8	21	39	65	69	74	45	339
New York.	5	31	56	34	64	118	367	527	537	580	2,319
Delaware.	1			1	4	3	8	9	12	22	60
New Jersey.	1	5	7	4	6	12	35	79	95	150	394
Pennsylvania.	3	13	30	19	24	66	163	303	418	751	1,790
Maryland and Dist. of Col.	3	4	2	4	4	15	37	72	93	103	337
Virginia.	2	8	9	12	13	28	92	171	303	658	1,296
North Carolina.		3	5	7	6	15	28	65	96	560	785
South Carolina.	1	2	9	2	5	13	18	31	118	285	484
Georgia.		8	7	6	13	17	68	153	308	658	
Florida.		1	4	2	1	5	8	9	22	53	105
Alabama.	1	3	10	7	8	7	49	101	123	271	580
Mississippi.		5	6	4	9	17	46	74	90	302	553
Louisiana.	1		8	2	8	6	25	35	36	97	218
Arkansas.		1	1	4	3	6	12	37	53	211	328
Texas.		1	4	2	7	5	33	33	47	178	310
Tennessee.	1	2	11	4	5	16	43	82	127	469	760
Kentucky.		6	12	6	8	16	58	85	116	362	669
Ohio.	2	16	31	17	23	49	218	353	366	565	1,640
Michigan.		3	14	3	11	13	48	69	112	272	544
Indiana.		8	10	6	12	28	58	135	200	439	896
Illinois.	1	7	15	7	25	45	84	145	203	498	1,026
Missouri.	1	1	9	5	6	17	54	82	97	320	592
Wisconsin.		4	9	2	10	18	32	87	84	231	477
Iowa.		4	3	3	3	7	24	31	59	160	294
California.	5	4		1	2		7	5	4	6	34
Utah.				1							1
New Mexico.							1			1	2
Nebraska.										2	2
Minnesota.			1			1	2	1	1	10	16
Oregon.		1	2			1	2	4	2	19	31
	36	179	347	208	381	697	2,022	3,279	4,066	8,369	19,604

5. *Amount paid for Mail Transportation, and the Net Revenue arising from Postages in each State and Territory for the Year ending June 30, 1851.*

States and Territories.	Amount paid.	Net Revenue.	States and Territories.	Amount paid.	Net Revenue.
Maine.	\$46,690.23	\$89,761.92	Indiana.	\$76,225.82	\$83,638.03
New Hampshire.	27,662.00	59,902.20	Illinois.	156,685.71	115,184.63
Vermont.	50,643.93	58,965.44	Wisconsin.	34,769.77	60,725.35
Massachusetts.	132,164.84	368,120.72	Iowa.	24,850.05	26,568.86
Rhode Island.	12,088.20	39,328.34	Missouri.	101,313.23	83,787.96
Connecticut.	62,176.13	110,971.81	Kentucky.	87,121.70	86,472.49
New York.	324,970.14	933,977.13	Tennessee.	74,142.59	64,186.58
New Jersey.	42,813.37	66,156.20	Alabama.	143,798.70	75,937.75
Pennsylvania.	146,105.64	396,699.91	Mississippi.	84,256.58	55,536.01
Delaware.	6,489.87	12,521.38	Arkansas.	61,244.90	17,215.53
Maryland.	143,150.97	121,864.61	Louisiana.	68,464.61	116,936.06
Dist. of Columbia.		11,109.45	Texas.	114,744.83	28,474.12
Virginia.	169,687.83	141,579.13	California.	111,515.87	227,152.82
North Carolina.	154,977.40	46,647.07	Oregon.	9,875.80	3,282.52
South Carolina.	108,488.80	76,108.62	Minnesota.	1,192.89	1,874.13
Georgia.	148,772.94	101,749.42	New Mexico.	350.00	243.63
Florida.	31,701.55	13,793.24	Utah.		718.90
Ohio.	138,836.32	236,311.24	Nebraska.		25.17
Michigan.	39,634.58	62,387.69	Total amount.	\$2,935,597.81	\$4,135,915.30

\* This table does not embrace 192 offices from which no returns were received during year, a portion of which had been recently established, and are supposed not to have been operation.

6. *Revenue and Expenditure of the Post-Office from July 1, 1836, to June 30, 1851.*

Year ending 30th June.	Letter Postage.	Newspapers and Pamphlets.	Total Annual Receipts.*	Total Annual Expenditures.
1837	\$ 3,674,834	\$ 425,714	\$ 4,236,779	\$ 3,544,630
1838	3,776,125	458,737	4,238,733	4,430,662
1839	3,976,446	500,873	4,484,657	4,636,536
1840	4,003,776	535,229	4,543,522	4,718,236
1841	3,812,739	566,246	4,478,726	4,499,528
1842	3,953,315	572,225	4,546,849	5,674,752
1843	3,738,307	543,277	4,281,584	4,374,754
1844	3,676,162	549,744	4,237,288	4,296,513
1845	3,660,231	608,765	4,289,841	4,320,732
Total to 30th June, 1845.	34,271,935	4,760,810	39,281,620	40,496,353
Average of Nine Years,	3,807,993	528,979	4,364,625	4,499,595

The above statistics apply wholly to the revenue under the old law. The following table shows the income for the six years the law of 1845 was in operation.

Year ending 30th June.	Letter Postage.	Newspapers and Pamphlets.	Total Annual Receipts †	Total Annual Expenditures.
1846	\$ 2,881,697	\$ 562,143	\$ 3,487,199	\$ 4,084,297
1847	3,198,957	643,160	3,955,893	3,979,570
1848	3,550,304	767,334	4,371,077	4,326,850
1849	3,882,762	819,016	4,905,176	4,479,049
1850	4,575,664	919,486	5,552,971	5,212,953
1851	5,310,617‡	1,035,131	6,727,867	6,024,567
Total for the Six Years,	23,400,001	4,746,270	28,999,183	28,107,286
Average of the Six Years,	3,900,000	791,045	4,833,197	4,684,547

The foregoing tables show the total annual and average annual income from the several items, and also the total annual and average annual expenditures, under the law of 1835, and also under that of 1845.

The diminution of the revenue from letters, newspapers, and pamphlets, for the year ending June 30, 1846, as compared with the preceding year, was 19.32 per cent., and as compared with the average of the nine years preceding, it was 20.59 per cent. In 1847 there was an increase over 1846 of 11.27 per cent.; in 1848 over 1847, of 7.43 per cent.; in 1849 over 1848, of 14.20 per cent.; in 1850 over 1849, of 12.105 per cent.; and in 1851 over 1850, of 15.48 per cent. Thus it will be seen that the income from these sources for 1851 was 41.165 per cent. greater than that for 1845; and 39.895 per cent. greater than that of the average for the nine years ending June 30, 1845. The average rate per cent. of increase in the postage on letters,

\* Including fines and miscellaneous receipts.

† Including fines and miscellaneous receipts, except for 1848, the amount for which year does not include fines.

‡ Including postage stamps sold, but excluding foreign postage.

newspapers, pamphlets, &c., for the years 1847, 1848, 1849, 1850, and 1851, was 12.096.

The actual cost per mile for transportation of the mail for the year ending June 30, 1842, was 8.9 cents; for the year ending June 30, 1845, was 8.2 cents; for the year ending June 30, 1848, it was 6.2 cents, and for the year ending June 30, 1851, it was 7.2 cents. In 1851 the total annual transportation was 53.4 per cent. greater than in 1842, and at 19.1 per cent. less cost. The cost of service, so far as it is open to competition, is reduced from what it was in 1842, or even in 1849; but in the railroad and steamboat service, where the monopoly excludes competition, the cost is increased. The new contracts made under the lettings in the spring of 1850, for the Northwestern and Southwestern Sections, show an increase of 10.8 per cent. in the service, and 25 per cent. in the aggregate cost. The lettings in the Southern Section show an increase of 12.36 per cent. in the service, and 9.97 per cent. in the aggregate cost.

The conveyance of mail matter between this and foreign countries, and between the Atlantic and Pacific portions of the United States, is a large and important branch of the mail service. Connected with this is the land service across the Isthmus of Panama, performed by New Granada under a treaty, for a compensation varying with the weight of the mails. The following table exhibits this service.

*Foreign Mail Service of the United States in Operation October 1, 1851.*

Routes.	Distance in miles.	No. of trips monthly.	Contractors.	Annual Pay.	Remarks.
1. New York, by Southampton, to Bremen Haven,	3,760	1	Ocean Steam Nav. Co., C. H. Sands, <i>Pr.</i>	\$200,000	Under contract with Postmaster - Gen., Act of Mar. 3, 1845.
2. Charleston, by Savannah and Key West, to Havana.	669	2	M. C. Morel.	50,000	Contracts with P. M. G., Acts Mar 3 '47, & July 10, 1848.
3. New York, by Charleston, Savannah, and Havana, to New Orleans, and from Havana to Chagres,	1,400 700 1,200 4,200	2	G. Law, M. O. Roberts, and B. R. McIlvaine.	290,000	Contract with Secretary of Navy, Act March 3, 1847.
4. Astoria, by San Francisco, Monterey, and San Diego, to Panama,		2	Pacific Mail Steam Co., W. H. Aspinwall, <i>Pres.</i>	348,250	Contract with Secretary of Navy, Act March 3, 1847, and March 3, 1851.
5. Panama to Chagres,	60	2	Gov't of N. Granada, as by treaty.	\$30 per trip each mail, succeeding year \$49.	for 1st 100 lbs., on and \$12 for each 100 lbs. Last 337 were paid.
6. New York to Liverpool,	3,100	2 for 8 ms. 1 for 4 ms.	E. K. Collins, J. & S. Brown.	335,000	Cont. with Sec. of N. Act March 3, 1847.
7. New York, by Cowes, to Havre,	3,270	1 in 2 ms.	Ocean Steam Nav. Co., M. Livingston, <i>Agent.</i>	75,000	Embraced in Bremen contract, route No. 1.

The gross amount received from the mail service to Bremen, via Southampton, from June 1, 1847, to Oct. 4, 1848, was \$20,082.51; for the year ending Oct. 4, 1849, it was \$61,114.20; from Oct. 5, 1849, to Sept. 30, 1850, it was \$56,865.60; and during the fiscal year ending June 30, 1851, it was

\$94,598.03. In the adjustment of the postal accounts between the United States and Germany for the last fiscal year, the balance of \$14,196.45 was found due and paid by the Bremen line to the United States.

The postages on the Charleston and Havana line, from Oct. 18, 1848, to Sept. 30, 1850, were \$22,406.37; those on the New York and Chagres line, from December 1, 1848, to Sept. 30, 1850, were \$402,590.63; and during the last fiscal year were \$529,341.04.

The postage on letters, &c., under the postal treaty of December, 1848, with Great Britain, from its date to June 30, 1850, was \$885,000.95. Of this there was collected in the United States \$424,391.08; due British government in adjustment of accounts, during same period, \$182,675.04; leaving in favor of the United States \$241,716.04. The accounts for the three quarters of the fiscal year (to March 31, 1851) show a balance due Great Britain of \$58,626.44. Under the postal arrangement with the British Provinces, up to Sept. 30, 1851, the balance in favor of the United States was \$701.65.

The following is the detail of the receipts and expenditures of the Department for the contract year:—

<i>Receipts.</i>		<i>Expenditures.</i>	
Letter postage (including foreign postage) and stamps sold,	\$5,369,242.76	Transportation of mails,	\$3,538,063.54
Newspapers and pamphlets,	1,035,130.89	Compensation to postmasters,	1,781,686.34
Fines (Contractors and others),	435.00	Ship, steamboat, and way letters,	34,581.50
Miscellaneous items,	4,120.52	Wrapping-paper,	32,353.15
Dead-letter money sold,	1,675.16	Office furniture,	4,978.64
Annual appropriation for mail service by the government,	200,000.00	Advertising,	75,070.22
Appropriations for census blanks,	12,000.00	Mail-bags,	40,855.46
“ for free matter,	163,888.89	Blanks,	35,588.42
Total receipts,	\$6,786,493.22	Mail locks, keys, and stamps,	7,964.54
Deduct amount due British government for postage under the postal treaty of December, 1848,	58,626.44	Mail depredations and special agents,	37,193.71
Gross revenue for the year,	\$6,727,866.78	Clerks for offices of postmasters,	359,098.45
Total expenditures,	6,278,401.68	Miscellaneous payments,	85,626.74
Excess of gross revenue for the year,	\$449,465.10	Post-office laws and regulations, and list of post-offices,	11,474.86
		Repayment of money in dead letters,	32.71
		Postage stamps,	34.00
		Maps of mail routes, &c.,	564.00
		Payment due British P. O. prior to June 30, 1851,	187,115.06
		Payment due British P. O. for first two quarters of that year,	46,120.35
		Total expenditures,	\$6,278,401.68

Deduct from \$6,727,866.78, the additional appropriations of \$163,888.89, and of \$12,000, and it gives for the ordinary revenue of the year, . . . \$6,551,977.89  
Deduct from \$6,278,401.68, the amount paid British Post-Office, \$233,235.40, and an award by the Auditor for services for transportation in 1832 and 1833, it gives for the ordinary expenditures of the year, . . . 6,024,566.79  
Balance of ordinary revenue over ordinary expenditure, . . . \$527,411.10

#### 7. Compensation of Postmasters.

The commissions allowed postmasters are as follows, viz.:—

1. On the amount of letter postage, not exceeding \$100 in any one quarter, . . . . . 40 per cent.

2. On any sum between \$100 and \$400 in any one year, 33½ per cent.
3. On any sum between \$400 and \$2,400 in a year, . 30 “
4. On any sum over \$2,400 in a year, . . . . . 12½ “
5. On the amount of letters and packets received for distribution at offices designated by the Postmaster-General for that purpose, . . . . . 7 “
6. On all sums arising from the postage on newspapers, magazines, and pamphlets, . . . . . 50 “
7. Box rents not exceeding \$2,000 per annum.

The postmasters at New Orleans and Washington have special allowances for extra labor. To the postmasters at offices where the mail is regularly to arrive between the hours of 9 o'clock at night and 5 in the morning, the commission on the first \$100 collected in one quarter may be increased by the Postmaster-General to a sum not exceeding 50 per cent. To postmasters whose pay does not exceed \$2,000 per annum, two cents are paid for the delivery of each free letter or document.

The term *letter postage* includes all postages received, except those which arise from newspapers sent from the offices of publication to subscribers, and from pamphlets and magazines.

To any postmaster whose commissions by the act of March 3, 1851, may be reduced below the amount allowed at his office for the year ending June 30, 1851, and whose labors may be increased, the Postmaster-General, at his discretion, may allow a just and proper additional compensation; but in no case shall the commissions for any year exceed by more than 20 per cent. the commissions allowed at his office for the year ending June 30, 1851.\*

#### 8. *Rates of Postage within the United States.*

For a single letter, sent not exceeding 3,000 miles, if prepaid,	3 cents.
If not prepaid,	5 “
Sent over 3,000 miles, if prepaid,	6 “
If not prepaid,	10 “

For such a letter, conveyed wholly or in part by sea to or from a foreign country (except all cases where different rates have been or shall be established by postal arrangements), sent not exceeding 2,500 miles,	10 “
Sent over 2,500 miles,	20 “

For a double letter there shall be charged double the above rates; for a treble letter, treble the above rates, &c. Every letter or parcel not exceeding half an ounce (avoirdupois) in weight is a single letter, and every additional weight of half an ounce or less than half an ounce is charged with an additional single postage. When advertised, one cent additional is charged on each letter. For a letter delivered by a carrier, there is an additional charge of not exceeding one or two cents.

For drop letters (not to be mailed) each,	1 “
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\* See *Titles and Abstracts of Public Laws*, No. 63, ante, page 161.



For all letters or packages (*ship letters*) conveyed by any vessel not employed in conveying the mail, . . . . . 2 cents.

To this charge of 2 cents is added 4 cents, when the letters are not transmitted through the mail, but are delivered at the post-office where deposited; and the ordinary rates of United States postage are added when the letter is transmitted through the mails.

Each newspaper, periodical, unsealed circular, or other article of printed matter, not exceeding three ounces in weight, to any part of the United States, . . . . . 1 "

For every additional ounce or fraction of an ounce, . . . . . 1 "

If the postage on any newspaper or periodical is paid quarterly or yearly in advance, at the office where the same is either mailed or delivered, then half the above rates are charged. Newspapers and periodicals not weighing over one and a half ounces, circulated in the State where published, are likewise charged but half of the above rates.

Small newspapers and periodicals, published monthly or oftener, and pamphlets not containing more than sixteen octavo pages each, when sent in single packages, weighing at least eight ounces, to one address, and prepaid by affixing postage stamps thereto, shall be charged only half a cent for each ounce or fraction of an ounce, notwithstanding the postage calculated on each separate article of such package would exceed that amount. The postage on all transient matter, unless prepaid, shall be charged double the first-mentioned rates.

Books, bound or unbound, not weighing over four pounds, shall be deemed mailable matter, and shall pay,

For all distances under 3,000 miles, per ounce, . . . . . 1 cent.

For all distances over 3,000 miles, . . . . . 2 "

Fifty per cent. shall be added in all cases when not prepaid. All printed matter chargeable by weight shall be weighed when dry. The publishers of newspapers and periodicals may send to each other from their respective offices of publication, free of postage, one copy of each publication; and may also send to each actual subscriber, inclosed in their publications, bills and receipts for the same, free of postage. The publishers of weekly newspapers may send to each actual subscriber within the county where their papers are printed and published one copy thereof free of postage.

No printed matter shall be sent at the above rates, unless either without any wrapper, or with one open at the ends or sides, so that the character of the matter may be seen without removing the wrapper; or if any written or printed communication is put on the same after its publication, or upon the cover or wrapper, except the name and address of the person to whom the same is sent; or if any thing else is inclosed in such printed paper. If these conditions are not complied with, letter postage shall be charged.

For the instructions to postmasters to sell printed matter not taken from the office of delivery, see *Titles and Abstracts of Public Laws*, No. 50, *ante*, page 149.

For penalties for carrying mailable matter out of the mail, for the provisions in relation to stamped envelopes to be furnished by the Post-Office Department, and for the postal arrangement with Canada, see *Titles, &c. of Laws*, No. 63, *ante*, pages 160, 161.

The establishment of private expresses for the conveyance of any letters, packets, or packages of letters, or other matter transmittible in the United States mail (newspapers, pamphlets, magazines, and periodicals excepted), from one city, town, or other place, to any other city, town, or place in the United States, between which the United States mail is regularly transported, is prohibited.\* Contractors may carry newspapers out of the mails for sale or distribution among subscribers. A penalty of \$5,000 is imposed on any person taking letters *through* or over any part of the United States for the purpose of being sent out of the United States without the payment of postage.

Letters addressed to different persons cannot be inclosed in the same envelope or package, under a penalty of ten dollars, unless addressed to foreign countries.

### 9. *Privilege of Franking.*

1. The President, ex-Presidents, Mrs. Harrison, and Mrs. Taylor, have the franking privilege, as regulated by former laws.

2. Members from Congress and Delegates from Territories, *from thirty days before the commencement† of each Congress until the meeting of the next Congress*, the Vice-President and the Secretary of the Senate, and the Clerk of the House of Representatives, during their *official terms*, may *send and receive free letters or packages* not exceeding two ounces in weight, and public documents not exceeding three pounds in weight.

3. The Governors of States may send free the laws, records, and documents of the Legislature to the Governors of other States.

4. The Secretaries of State, Treasury, War, Navy, and the Interior; Attorney-General; Postmaster-General and Assistant Postmasters-General; Comptrollers, Auditors, Register, and Solicitor of the Treasury; Treasurer; Commissioners of the different Offices and Bureaus; Chiefs of Bureaus in the War and Navy Departments, General-in-Chief, and Adjutant-General, — may *send and receive free* all letters and packages upon official business, but *not* their private letters or papers.

5. The Chief Clerk in the State Department may send free public and official documents.

6. Deputy postmasters may *send free* all such letters and packages as relate exclusively to the business of their respective offices; and those whose compensation did not exceed \$200 for the year ending the 30th of June, 1846, may also send free, through the mails, letters written by themselves, and receive free all written communications on their own private business,

\* For permission to carry letters in the government stamped envelopes, see *Titles, &c. of Laws*, No. 63, *ante*, page 161.

† The commencement of each Congress for this purpose dates from the 4th of March (i. e. the day next) succeeding the termination of the preceding Congress.

not weighing over one half-ounce, but not transient newspapers, handbills, or circulars.

7. Exchange newspapers between editors pass free.

For other free matter see *Rates of Postage*.

*Public documents* are those printed by the order of either house of Congress, and publications or books procured or purchased by Congress, or either house, for the use of the members.

10. RATES OF FOREIGN POSTAGE BETWEEN ANY POINTS IN THE UNITED STATES AND FOREIGN COUNTRIES.

*Great Britain and Ireland.*

Between the United States and Great Britain and Ireland, letters are rated, by weight, as in the United States. Between any office in the United States (Oregon and California excepted) and any office in Great Britain and Ireland, the entire postage is 24 cents the single letter, which may be prepaid or sent unpaid. Between the offices in California and Oregon and those of Great Britain and Ireland, the entire postage is 29 cents the single letter (i. e. 5 cents additional), which may be prepaid or sent unpaid. Payment of any thing less than the entire postage goes for nothing, and such letters will be treated as wholly unpaid.

*Foreign Countries and Cities, via England.*

TABLE 1. — On all correspondence between the United States and the following-named countries, the United States postage, *and that only*, must be collected in the United States, by prepayment when sent, and on delivery when received, at the rate of 5 cents the single letter when conveyed by British packet (unless from or to Oregon or California, then 10 cents), and 21 cents the single letter when conveyed by United States packet (unless, as aforesaid, from or to Oregon or California, then 26 cents), to wit: \* —

† Alexandria, City of,	† Greece,	Poland,
Algeria,	Hamburg & Cuxhaven,	Prussia,
Austria, and Austrian States,	Hanover,	Roman or Papal States,
Baden,	Holland,	Russia,
Bavaria,†	Hong Kong (China),	Saxony,
Belgium,	Ionian Islands,	† Scutari, City of,
† Beyrout, City of,	Lubec, Free City of,	† Smyrna, “
Bremen, Free City of,	Malta, Island of,	Sweden,
Brunswick,	Mecklenburg-Schwerin,	Switzerland,
† Dardanelles, The,	Mecklenburg-Strelitz,	Turkey in Europe,
Denmark,	Moldavia,	† Tuscany,
France,	† Naples, Kingdom of,	Venetian States,
German States,	Norway,	Wallachia,
Gibraltar,	Oldenburg,	Wurtemberg.

\* This does not supersede the American line to Bremen. See *post*, p. 194.

† Via Marseilles.

**TABLE 2.**—On all correspondence between the United States (Oregon and California excepted) and the following-named countries, through the United Kingdom, and by the routes here specified, there *must be prepaid* when sent, and collected when received, the following rates, for the single letter of half an ounce in weight. When to or from Oregon or California, 5 cents the single rate is to be added :—

	Cents.		Cents.
*Aden, Asia, . . . . .	45	†Mauritius, . . . . .	45
Argentine Republic, . . . . .	45	†Moluccas, . . . . .	53
†Australia, . . . . .	53	†New South Wales, . . . . .	53
“ by private ship, . . . . .	37	“ by private ship, . . . . .	37
†Azores, Islands, . . . . .	63	†New Zealand, . . . . .	53
†Bourbon and Borneo, Islands of, 53		“ by private ship, . . . . .	37
Brazil, . . . . .	87	§Parma and Placentia, . . . . .	31
Canary Islands, . . . . .	65	*Philippine Islands, . . . . .	45
Cape de Verde Islands, . . . . .	65	*Portugal, . . . . .	63
*Ceylon, Island of, . . . . .	45	Sierra Leone, . . . . .	45
*China, . . . . .	45	*Spain, . . . . .	73
*Egypt, . . . . .	57	†Sumatra, Island of, . . . . .	53
*Greece, . . . . .	57	*Syria, . . . . .	57
Heligoland, Island of, . . . . .	33	†Van Diemen's Land, . . . . .	53
*Indies, East, . . . . .	45	Any British colony or foreign	
†Java and Labuan, . . . . .	53	country, when conveyed to	
§Lucca and Modena, . . . . .	31	or from the United Kingdom	
*Madeira, Island of, . . . . .	65	by private ship, . . . . .	37

TABLE 3.

Places.	British & Sea.	For- eign.	Ameri- can Inland.	To- tal.	Places.	British & Sea.	For- eign.	Ameri- can Inland.	To- tal.
Aden, Asia,	50	10	5	65	tra, and other				
Australia,	58	10	5	73	places in Indian				
Bourbon, Borneo,	58	10	5	73	Archipelago,	58	10	5	73
Ceylon, Island,	50	10	5	65	New Zealand,	58	10	5	73
China,	50	10	5	65	Philippine Isles,	50	10	5	65
East Indies,	50	10	5	65	§Sardinia,	26	10	5	41
Egypt,	46	10	5	61	§Sicily,	26	20	5	51
†Egypt,	26	20	5	51	§Spain,	26	10	5	41
Hong Kong, Isl.,	50	10	5	65	Syria,	46	10	5	61
Java, Labuan,	58	10	5	73	§Syria,	26	20	5	51
Mauritius,	50	10	5	65	§Tunis, Africa,	26	20	5	51
Moluccas, Suma-					V. Diemen's L'd,	46	10	5	61

The places marked thus (a) are by French packet, via Marseilles; those marked (b) are via France; and the others are by closed mail, via Marseilles. On British, sea, and American inland postage, the single letter is  $\frac{1}{2}$  oz.; on foreign postage, the single letter is less than  $\frac{1}{2}$  oz. Letters weighing  $\frac{1}{2}$  oz. and under  $\frac{1}{2}$  oz. are charged two rates;  $\frac{1}{2}$  oz. and under  $\frac{3}{4}$ , three rates, &c.; an additional rate being charged for each quarter of an ounce. Thus, a letter directed to the East Indies by a British steamer, and weighing less than  $\frac{1}{2}$  oz., will be charged 65 cents postage; if  $\frac{1}{2}$  oz. or more, and less than

\* Via Southampton. † Via Southampton and India. ‡ Via Southampton and Lisbon.  
§ Via Falmouth. § Via France.

$\frac{1}{2}$  oz., 75 cents must be paid; the *foreign* postage only being doubled for each  $\frac{1}{2}$  oz. The American inland postage is given as 5 cents. It of course follows the rates before given, where the distance is less than, or over, 3,000 miles, or when the postage is prepaid.

Where the correspondence with the countries in the foregoing tables is from or to Oregon or California, the single-letter rate, to be collected by prepayment or on delivery, is to be in each instance 5 cents more than the amount given.

#### 11. *Postage by the New York, Southampton, and Bremen Line of Steamers.*

The following are the rates of postage from and to any point in the United States, for mailable matter sent by this line to Europe; *prepayment optional*:—  
For all letters and packages not exceeding half an ounce in weight, 20 cts.  
For every additional half-ounce, or less than half-ounce, . . . 20 "

On letters to the following countries and places, the foreign postage to the place of destination may be added to the United States postage, and the whole be prepaid; or the American postage alone may be prepaid; or the whole postage may be left unpaid, at the option of the sender, viz.:—

Altona, . . . . .	6 cents.	Mecklenburg-Strelitz, . . . . .	12 cents.
Bremen, . . . . .	Nothing.	Nassau, . . . . .	12 "
Brunswick, . . . . .	6 cents.	Oldenburg, . . . . .	2 "
Cassel, . . . . .	12 "	Prussia (kingdom and prov-	
Coburg, . . . . .	12 "	inces), . . . . .	12 "
Darmstadt, . . . . .	12 "	Reuss, . . . . .	12 "
Frankfort-on-the-Main, . . . . .	12 "	Saxe-Altenburg, . . . . .	12 "
Gotha, . . . . .	12 "	Saxe-Meiningen, . . . . .	12 "
Hamburg, . . . . .	6 "	Saxe-Weimar, . . . . .	12 "
Hanover, . . . . .	6 "	Saxony (kingdom), . . . . .	12 "
Hesse-Homburg, . . . . .	12 "	Schaumburg-Lippe, . . . . .	12 "
Kiel, . . . . .	11 "	Schwartzburg-Rudolstadt, . . . . .	12 "
Lippe-Detmold, . . . . .	12 "	Schwartzburg-Sondershau-	
Lubec, . . . . .	9 "	sen, . . . . .	12 "
Mecklenburg-Schwerin, . . . . .	12 "	Wurtemberg (kingdom), . . . . .	12 "

On letters to the following places on the Continent prepayment is optional; but when prepaid, *only the United States postage* of 20 cents the single letter should be prepaid; the foreign portion being collected of the receiver, viz. Alexandria, Austria (empire and provinces), Baden, Bâle, Bavaria, Cairo, Constantinople, Denmark, Greece, Norway, St. Petersburg or Cronstadt, Sweden, and the eastern parts of Italy.

On letters to Havre, or any place on the coast of France, to Germany, or any port on the Continent, where the United States steam-packets stop, the postage is 20 cents the single rate, to be prepaid when sent from, or collected when received in, the United States.

#### 12. *Postage to Mexico, South America, and the West Indies, from any Point in the United States.*

On letters to Chagres, Panama, Havana (Cuba), and to the British West

Indies, viz. Antigua, Barbadoes, Bahamas, Barbice, Carriacou, Demerara, Dominica, Essequibo, Grenada, Honduras, Jamaica, Montserrat, Nevis, St. Kitts, St. Lucia, St. Vincent, Tobago, Tortola, and Trinidad,

If distance from mailing office does not exceed 2,500 miles,	10 cents.
“ “ “ exceed 2,500 miles,	20 “

The postage is to be prepaid when sent from, or collected when received in, the United States.

On letters to the West India Islands (not British), to Mexico, or to places in the Gulf of Mexico, or on the Atlantic coast of South America, *not in British possession*, viz. Venezuela, Brazil, and Uruguay,

If distance from mailing office does not exceed 2,500 miles,	35 “
“ “ “ exceed 2,500 miles,	45 “

The single postage to any part of the Argentine Republic from any point in the United States is (to be prepaid), 45 “

This postage is to be prepaid on letters sent from the United States. On letters *received*, the British postage being prepaid there, the United States postage only, of 10 or 20 cents, according to distance, is to be collected at the office of delivery. The same rule applies to the payment of postage to all countries on the southwest coast of America, viz. New G anada, Ecuador, Peru, Bolivia, and Chili; which postage is,

On letters sent, being United States and foreign postage,	50 “
On letters received, being United States postage only,	25 “

13. *Postage to and from the British North American Provinces (except Canada) from and to any Point in the United States.*

On letters sent to New Brunswick, Nova Scotia, &c., when not over 3,000 miles from the line in the United States,	10 “
Sent over 3,000 miles in the United States,	15 “

Prepayment is optional in either country, “ all is to be prepaid or none. A mail is made up for the British Provinces, from New York and Boston, by the English steamers. The postage on a single letter thus sent is 5 cents, to be prepaid.

14. *Postage to and from Canada and the United States.*

To be charged in the United States:—

On letters (half an ounce in weight) to or from Canada, for any distance in the United States not exceeding 3,000 miles,	5 cents.
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Any distance in the United States exceeding 3,000 miles,	10 “
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To be charged in Canada:—

For any distance,	5 “
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There is an additional rate for every half-ounce, or less than half-ounce, on all letters posted in the United States to be delivered in Canada, and *vice versa*. The above rates are combined, and may be prepaid or not, at the option of the sender; but less than the whole combined rate cannot be prepaid.

15. *Newspaper and Pamphlet Postage to and from Foreign Countries, from and to any Point in the United States.*

On each newspaper sent between Great Britain and Ireland and the United States, and on each newspaper sent between the United States and those places named as communicated with by the Bremen line of steamers, p. 194, and between the United States and Havana and the British West Indies, the postage is 2 cents; and on each newspaper sent between the United States and those places named in Tables 1, 2, and 3, on pp. 192, 193, the postage is 4 cents. The postage between all the above places is to be prepaid when sent from, or collected when received in, the United States. On each newspaper sent from the United States to the West Indies (not British), to Mexico, or to places in the Gulf of Mexico, or on the *Atlantic coast of South America not in British possession*, the postage, to be prepaid, is 4 cents. On each newspaper received in the United States from those places it is 2 cents. On each newspaper sent from the United States to places on the southwest coast of South America, the postage, to be prepaid, is 8 cents; and on each newspaper received in the United States from those places it is 4 cents. The postage of newspapers to and from Canada, New Brunswick, and Nova Scotia, &c., is the regular United States rate to and from the line, to be prepaid when sent, and collected when received.

On each periodical and pamphlet between Great Britain and the United States, the United States postage is 2 cents, if not over 2 ounces in weight, and 4 cents per ounce or fraction of an ounce over 2 ounces, always to be prepaid. An additional British postage of the same rate, when not exceeding 2 ounces, must be paid in England; but the third ounce raises the British charge to 6 pence, with 2 pence additional for each additional ounce. When sent to or received from foreign countries, *without passing through the United Kingdom*, they will be charged with the regular United States rates, to be prepaid when sent, and collected when received.

Newspapers and periodicals to foreign countries, and particularly to the Continent of Europe, must be sent in narrow bands, open at the sides or end; otherwise they are chargeable there with letter postage.

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### XIII. PUBLIC LANDS.

THE public lands belonging to the General Government are situated, —  
1st. Within the limits of the United States, as defined by the treaty of 1783, and are embraced by the States of Ohio, Indiana, Illinois, Michigan, Wisconsin, and that part of Minnesota east of the Mississippi River, all of which have been formed out of the Northwestern Territory, as conveyed with certain reservations to the United States by New York in 1781, by Virginia in 1784, by Massachusetts in 1785, and by Connecticut in 1786; also the lands within the boundaries of the States of Mississippi and Alabama north of 31° north latitude, as conveyed to the United States by Georgia in 1802. 2d. Within the Territories of Orleans and Louisiana, as acquired from France

by the treaty of 1803, including the portion of the States of Alabama and Mississippi south of 31°; the whole of Louisiana, Arkansas, Missouri, Iowa, and that portion of Minnesota west of the Mississippi River; the Indian Territory; the district called Nebraska; the Territory of Oregon, and the region lying between Oregon and Minnesota, north of 42° and south of 49° north latitude. 3d. Within the State of Florida, as obtained from Spain by the treaty of 1819. 4th. In New Mexico and California, as acquired from Mexico by the treaty of 1848.

Within the limits recognized by these treaties and cessions, the public lands covered an estimated area of 1,584,000,000 acres. Exclusive of the lands in Oregon, California, New Mexico, Utah, the Indian and Nebraska Territories, the entire area of the public domain is stated, after a careful examination, to have been 424,103,750 acres. About one fourth of this, up to November 30, 1850, had been sold, and \$ 135,339,092 received therefor. The aggregate outlay of every kind upon these lands to the same date, including cost of purchase, of surveying, and of selling, was \$ 74,957,879, leaving as net profit to the government \$ 60,381,213, or an annual average of nearly a million of dollars for the last fifty years. If there should be added to this, at the rate of \$ 1.25 per acre, the value of the land granted for bounties, schools, internal improvements, &c., it would amount to nearly double the above sum. The average cost per acre to the government of acquiring title, &c. to the lands is 14.41 cents; of survey, 2.07 cents; of selling and managing, 5.32 cents; in all 21.80 cents; while it receives \$ 1.25 per acre, or a net profit on each acre sold of \$ 1.032.

The whole number of warrants for Mexican bounty land claims issued to November 1, 1851, is 80,781, of which 66,618 have been located, and 66,200 have been patented. The whole number of warrants issued under the general bounty-land law of September 28, 1850, up to November 1, 1851, is 54,201. Of these, 3,708 have been located and returned, and 1,950 patented.

The following table shows the sales of public lands and the proceeds thereof from the year 1833 to 1850, inclusive. Full details of the present condition of the public lands, and of the various grants and donations thereof for purposes of education and of internal improvement, are given in the American Almanac for 1850, pp. 180 et seq.

*Quantity of Public Land sold, and the Amount paid for it, in each Year, from 1833 to 1850, inclusive.*

Years.	Acres.	Dollars.	Years.	Acres.	Dollars.
1833	3,856,227.56	4,972,284.84	1843	1,605,264.06	2,016,044.30
1834	4,658,218.71	6,099,981.04	1844	1,754,763.13	2,207,678.04
1835	12,564,478.85	15,999,804.11	1845	1,843,527.05	2,470,303.17
1836	20,074,870.92	25,167,833.06	1846	2,263,730.81	2,904,637.27
1837	5,601,103.12	7,007,523.04	1847	2,521,305.59	3,296,404.08
1838	3,414,907.42	4,305,564.64	1848	1,887,553.04	2,621,615.26
1839	4,976,382.87	6,464,556.79	1849	1,329,902.77	1,756,890.42
1840	2,236,889.74	2,789,637.53	1850	1,846,847.49	2,370,947.45
1841	1,164,796.11	1,463,361.06	Total,	74,729,986.82	95,433,040.16
1842	1,129,217.58	1,417,972.06			



## XIV. COLLEGES AND PROFESSIONAL

	Name.	Place.	Presidents.	Found- ed.
1	Bowdoin,	Brunswick, Me.	Leonard Woods, Jr., D. D.	1802
2	Waterville,*	Waterville, "	David N. Sheldon, D. D.	1820
3	Dartmouth,	Hanover, N. H.	Nathan Lord, D. D.	1769
4	University of Vermont,	Burlington, Vt.	Worthington Smith, D. D.	1791
5	Middlebury,	Middlebury, "	Benjamin Labaree, D. D.	1800
6	Norwich University,	Norwich, "	Rev. Edward Bourns, LL. D.	1834
7	Harvard University,	Cambridge, Mass.	Jared Sparks, LL. D.	1636
8	Williams,	Williamstown, "	Mark Hopkins, D. D.	1793
9	Amherst,	Amherst, "	Edw. Hitchcock, D. D., LL. D.	1821
10	Holy Cross,\$	Worcester, "	Rev. J. Early,	1843
11	Brown University,*	Providence, B. I.	Francis Wayland, D. D.	1764
12	Yale,	New Haven, Conn.	T. D. Woolsey, D. D., LL. D.	1700
13	Trinity,†	Hartford, "	John Williams, D. D.	1824
14	Wesleyan University,‡	Middletown, "	— McClintock, D. D.	1831
15	Columbia,†	New York, N. Y.	Charles King, LL. D.	1754
16	Union,	Schenectady, "	Eliphalet Nott, D. D.	1795
17	Hamilton,	Clinton, "	Simeon North, LL. D.	1812
18	Madison University,*	Hamilton, "	Stephen W. Taylor, LL. D.	1820
19	Geneva,†	Geneva, "	Benjamin Hale, D. D.	1823
20	University of New York,	New York, "	G. W. Bethune, D. D.	1831
21	University of Rochester,*	Rochester, "	A. C. Kendrick, D. D., <i>Ch. Fac.</i>	1850
22	St. John's,\$	Fordham, "	Rev. John Larkin,	1841
23	College of New Jersey,	Princeton, N. J.	James Carnahan, D. D.	1747
24	Rutgers,	New Brunswick, "	Theo. Frelinghuysen, LL. D.	1770
25	Burlington,†	Burlington, "	George W. Doane, D. D., LL. D.	1846
26	University of Pennsylvania,	Philadelphia, Penn.	John Ludlow, D. D.	1755
27	Dickinson,‡	Carlisle, "	Charles Collins, D. D.	1783
28	Jefferson,	Canonsburg, "	A. B. Brown, D. D.	1802
29	Washington,	Washington, "	James Clark, D. D.	1806
30	Allegheny,‡	Meadville, "	John Barker, D. D.	1817
31	Pennsylvania,	Gettysburg, "	H. L. Baugher,	1832
32	Lafayette,	Easton, "		1832
33	Marshall,	Mercersburg, "	John W. Nevin, D. D.	1836
34	University at Lewisburg,*	Lewisburg, "	Howard Malcom, D. D.	1849
35	Delaware,	Newark, Del.	Rev. W. S. F. Graham, A. M.	1833
36	St. John's,	Annapolis, Md.	Hector Humphreys, D. D.	1784
37	St. Mary's,\$	Baltimore, "	Rev. O. L. Jenkins, A. M.	1805
38	Mount St. Mary's,\$	Emmetsburg, "	John McCaffrey, A. M.	1830
39	St. James's,†	Washington Co., "	John B. Kerfoot, D. D.	1842
40	Washington,	Chestertown, "	E. F. Chambers, <i>Pres. of Trus.</i>	1783
41	Georgetown,\$	Georgetown, D. C.	Rev. C. H. Stonestreet,	1789
42	Columbian,*	Washington, "	Joel S. Bacon, D. D.	1821
43	William and Mary,†	Williamsburg, Va.	Rev. John Johns,	1692
44	Hampden-Sidney,	Prince Ed. Co., "	Lewis S. Green, D. D.	1783
45	Washington,	Lexington, "	George Junkin, D. D.	1798
46	University of Virginia,	Charlottesville, "	Gessner Harrison, <i>Ch. of Fac.</i>	1819
47	Randolph-Macon,‡	Mecklenburg Co., "	Rev. W. A. Smith,	1832
48	Emory and Henry,‡	Emory, "	Daniel Trigg, <i>Pres. of Trus.</i>	1838
49	Rector,*	Taylor Co., "	Charles Wheeler, A. M.	1839
50	Bethany College,	Bethany, "	Alexander Campbell, A. M.	1841
51	Richmond,*	Richmond, "	Rev. Robert Ryland,	1832
52	Virginia Military Institute,	Lexington, "	Col. F. H. Smith, A. M., <i>Sup't</i> ,	1839
53	University of N. Carolina,	Chapel Hill, N. C.	Hon. David L. Swain, LL. D.	1789
54	Davidson,	Mecklenburg Co., "	Samuel Williamson, D. D.	1838
55	Wake Forest,*	Wake Forest, "	John B. White,	1838
56	Charleston,	Charleston, S. C.	William P. Finley, A. M.	1785
57	South Carolina,	Columbia, "	James H. Thornwell, D. D.	1804
58	Franklin,	Athens, Ga.	Alonzo Church, D. D.	1785
59	Oglethorpe,	Milledgeville, "	Sam'l K. Talmage, D. D.	1836
60	Emory,‡	Oxford, "	Geo. F. Pierce, D. D.	1837
61	Mercer University,*	Penfield, "	John L. Dagg, D. D.	1838
62	Wesleyan Female,	Macon, "	Rev. E. H. Myers, A. M.	1839
63	University of Alabama,	Tuscaloosa, Ala.	Basil Manly, D. D.	1831
64	La Grange,‡	La Grange, "	Edward Wadsworth, D. D.	1830
65	Spring Hill,\$	Spring Hill, "	Rev. F. Gautrelet, S. J.	1830
66	Howard,*	Marion, "	S. S. Sherman, A. M.	1841
67	Oakland,	Claiborne Co., Miss.	Rev. Robert L. Stanton,	1830
68	University of Mississippi,	Oxford, "	A. B. Longstreet, LL. D.	1844
69	Mississippi College,	Clinton, "	Rev. C. Parrish,	
70	Centenary,‡	Jackson, La.	R. H. Rivers, D. D.,	1839
71	St. Charles,\$	Grand Coteau, "	Th. Soller, S. J.	1838

## SCHOOLS IN THE UNITED STATES.

	In-struct-ors.	No. of Alumni.	No. of Minis-ters.	Stu-dents.	Volumes in Libraries.	Commencement.
1	14	1,062	187	139	27,500	First Wednesday in September.
2	5	267	82	88	15,500	Second Wednesday in August.
3	10	3,710	800	237	25,000	Last Thursday in July.
4	7	472	78	107	13,000	First Wednesday in August.
5	7	877	397	55	6,000	Third Wednesday in August.
6	4	138	10	60	1,400	3d Wedn. and Thurs. in August.
7	20	6,342	1,707	320	92,000	Third Wednesday in July.
8	8	1,317	420	208	13,751	Third Wednesday in August.
9	11	963	435	190	20,000	Second Thursday in August.
10	14	9		120	4,220	Last week in August.
11	10	1,754	659	225	31,000	First Wednesday in September.
12	25	6,114	1,587	440	51,000	Last Thursday in July.
13	13	300	130	79	15,000	Last Thursday in July.
14	7	402	185	116	12,000	First Wednesday in August.
15	7	1,450		110	14,000	Last Wednesday in July.
16	13	2,805	600	227	15,000	Fourth Wednesday in July.
17	9	784	209	132	12,000	Fourth Wednesday in July.
18	8	342		60	9,400	Third Wednesday in August.
19	5	131	28	42	5,400	First Wednesday in August.
20	11	320		151	4,000	Wednesday preceding 4th of July.
21	8			109	3,000	Second Wednesday in July.
22	16	43		65	12,600	July 15th.
23	15	3,184	588	250	17,500	Last Wednesday in June.
24	7	513	77	66	10,000	Fourth Wednesday in July.
25	29			118	1,200	September 29th.
26	7	5,142		88	5,000	The 15th, 16th, or 17th of July.
27	8	673	165	179	14,100	Second Thursday in July.
28	8	1,000	227	197	10,000	Second Wednesday in June.
29	8	600		112	3,300	Last Wednesday in September.
30	8	166	45	107	8,200	First Wednesday in July.
31	6	185	128	56	6,500	Third Thursday in September.
32	7	101	30	82	5,000	Fourth Wednesday in July.
33	6	165	76	58	6,000	Second Wednesday in September.
34	5			46		Third Wednesday in August.
35	6	78	42	45	7,500	Third Wednesday in July.
36	6	158	8	43	3,292	The 22d of February.
37	20	187		122	19,600	Third Tuesday in July.
38	24	137		126	4,000	Last Wednesday in June.
39	12	20		47	6,800	Last Thursday in July.
40	5			70	1,200	August 20th.
41	15	150		155	26,000	Near the last of July.
42	10	200		55	6,000	Second Wednesday in July.
43	7			55	5,000	July 4th.
44	6	1,500		25	8,000	Wednesday before 4th of July.
45	6	600	42	50	4,950	Third Wednesday in June.
46	14	3,500		400	18,000	June 29th.
47	7	147	31	80	8,000	Second Thursday in June.
48	5	85	30	63	8,470	Second Wednesday in June.
49	3			50	2,500	Last Wednesday in September.
50	6	80	3	141	3,500	July 4th.
51	5	5	1	50	1,200	July 15th.
52	8	200	5	120	3,500	July 4th.
53	10	1,005	70	251	13,300	First Thursday in June.
54	4	140	24	60	5,000	Second Thursday in August.
55	3	11	6	24	4,700	Third Thursday in June.
56	6	124		70	2,000	Tuesday after 4th Monday in March.
57	8		3	195	17,000	First Monday in December.
58	9	646	55	151	13,600	First Wednesday in August.
59	6	83	13	85	4,500	Wednesday after 2d Monday in Nov.
60	5	138	16	115	1,700	Wednesday after 3d Monday in July.
61	7	32	10	71	3,400	Last Wednesday in July.
62	9	182		174	600	Wednesday after 2d Monday in July.
63	9	205	15	135	8,000	Thursday after 2d Monday in July.
64	5	140	7	96	3,900	Second Wednesday in June.
65	20	225		30	7,000	The 15th of October.
66	6	29	3	88	2,200	Fourth Thursday in July.
67	5	125	16	70	6,000	First Thursday in April.
68	6			134	2,450	Second Thursday in July.
69						Last Thursday in July.
70	7	70	3	102	5,000	Last Wednesday in July.
71	21	2		103	4,000	July 15th.
72	4			45	300	December.

	Name.	Place.	Presidents.	Found- ed.
73	Franklin,	Opelousas, La.	Othon Boudet,	1839
74	University of Louisiana,	New Orleans, "	Hon. T. H. McCaleb,	1849
75	Tusculum,	Near Greenville, Ten.	S. W. Doak, D. D.	1843
76	Washington,	Washington Co., "	E. T. Bard, A. M.	1795
77	University of Nashville,	Nashville, "		1806
78	Franklin,	Near Nashville, "	Tolbert Fanning, A. M.	1845
79	East Tennessee,	Knoxville, "	Joseph Estabrook, A. M.	1792
80	Cumberland University,	Lebanon, "	Rev. T. C. Anderson, A. M.	1844
81	Jackson,	Columbia, "	B. H. Ragsdale,	1833
82	Union,*	Murfreesboro', "	J. H. Eaton, LL. D.	1848
83	Transylvania,	Lexington, Ky.	James B. Dodd,	1798
84	St. Joseph's,§	Bardstown, "	Rev. J. B. Emig,	1819
85	The Centre,	Danville, "	John C. Young, D. D.	1820
86	Augusta,†	Augusta, "	J. Tomlinson, D. D.	1825
87	Georgetown,*	Georgetown, "	Rev. D. R. Campbell, A. M.	1840
88	Bacon,	Harrodsburg, "	Samuel Hatch, A. M.	1836
89	Western Military Institute,	Drennon Springs, "	Col. B. R. Johnson, Sup.	1847
90	Shelby,	Shelbyville, "	Rev. W. J. Waller, M. D.	
91	Ohio University,	Athens, Ohio,	Rev. Solomon Howard,	1804
92	Miami University,	Oxford, "	E. D. Macmaster, D. D.	1809
93	Franklin,	New Athens, "	Rev. A. D. Clark,	1824
94	Western Reserve,	Hudson, "	George E. Pierce, D. D.	1826
95	Kenyon,†	Gambier, "	Shellock A. Bronson, D. D.	1827
96	Granville,*	Granville, "	Silas Bailey, D. D.	1831
97	Marietta,	Marietta, "	Henry Smith, D. D.	1835
98	Oberlin College,	Oberlin, "	Charles G. Finney,	1833
99	St. Xavier,§	Cincinnati, "	George A. Carroll,	1842
100	Ohio Wesleyan University,†	Delaware, "	Edward Thomson, M.D., D.D.	1842
101	Wittenberg,	Springfield, "	Samuel Sprechel, D. D.	1845
102	Indiana State University,	Bloomington, Ind.	Henry Barnard,	1816
103	Hanover College,	Hanover, "	T. E. Thomas, D. D.	1832
104	Wabash,	Crawfordsville, "	Charles White, D. D.	1834
105	Indiana Asbury University,†	Greencastle, "	L. W. Berry, D. D.	1837
106	Illinois,	Jacksonville, Ill.	J. M. Sturtevant, D. D.	1830
107	Shurtleff,*	Upper Alton, "	Rev. N. N. Wood, D. D.	1835
108	McKendree,†	Lebanon, "	Rev. A. W. Cummings, D. D.	1835
109	Knox,	Galesburg, "	Jonathan Blanchard,	1837
110	University of St. Louis,§	St. Louis, Mo.	J. Van de Velde,	1832
111	St. Vincent's,	Cape Girardeau, "	Rev. R. Henesey,	1843
112	Masonic,	Marion Co., "	J. Worthington Smith,	1831
113	Missouri University,	Columbia, "	Rev. James Shannon,	1842
114	St. Charles,†	St. Charles, "	John W. Robinson,	1837
115	Fayette,	Fayette, "	Archibald Peterson,	
116	University of Michigan,	Ann Arbor, Mich.	D. D. Whedon,	1837
117	St. Philip's,§	Near Detroit, "	Mr. Bowens,	1839
118	Wisconsin University,	Madison, Wisc.	John H. Lathrop, Chancellor,	1843
119	Beloit,	Beloit, Rock Co., "	Rev. Aaron L. Chapin,	1847

The Colleges marked thus (\*) are under the direction of the *Baptists*; thus (†), *Episcopalians*; thus (‡), *Methodists*; thus (§), *Catholics*. With respect to the Colleges which are *unmarked*, the prevailing religious influence of those that are in the New England States is *Congregationalism*; of most of the others, *Presbyterianism*.

By *Instructors*, in the above table, is meant those connected with the undergraduates; and by *students*, except the Roman Catholic institutions and a few of the Colleges in the Southern and Western States, is meant *undergraduates*, or members of the four collegiate classes; not including such as are pursuing a professional education, or such as are members of a preparatory department. Some of the Colleges above enumerated are not in full operation, and scarcely deserve a place in the table. The column of *Libraries* includes the number of volumes in the *College Libraries* and in the *Students' Libraries*.

Circulars were sent to each College, and from most of them returns have been received of their condition, January 1, 1851. Any one noticing errors or imperfections in the list is requested to send the necessary corrections to the editor.

	Inst- ora.	No. of Alumni	No. of Ministers.	Stu- dents.	Volumes in Libraries.	Commencement.
73	4			70		First of November.
74	7					
75	2	10	2	36		Last Thursday in September.
76	3	116	38	22	1,800	Third Thursday in July.
77	7	398		75	10,207	First Wednesday in October.
78	6	45	2	80	2,600	July 4th.
79	5	122		57	4,500	First Wednesday in August.
80	6	35	21	172	5,000	Second Thursday in July.
81	6	48	13	26	2,500	St. John's Day (June 24th).
82	5	15	6	111	900	Third Wednesday in July.
83	7	610		50	14,000	Wednesday before 3d Friday in August.
84	17	218		80	6,600	Middle of July.
85	7	263	84	152	5,500	Last Thursday in June.
86	4	60		51	2,500	Thursday after 1st Wednesday in Aug.
87	7	80	27	83	6,600	Last Thursday in June.
88	5			75	1,200	Last Friday in June.
89	12	18		121	1,000	Third Thursday in June.
90	4	4		44	300	June.
91	5	149	47	18	5,000	First Wednesday in August.
92	6	343	102	66	8,000	Second Thursday in August.
93	6	150	80	110	5,000	Last Wednesday in September.
94	8	181	48	57	8,000	Second Thursday in July.
95	5	160	48	50	7,000	First Wednesday in August.
96	5	60	10	44	7,000	Second Wednesday in July.
97	6	129	50	60	7,750	Last Thursday in July.
98	12	222	109	65	5,000	Fourth Wednesday in August.
99	16	150		30	6,500	July 15th.
100	10	30	6	100	5,700	Second Wednesday in June.
101	7			37	4,500	Third Wednesday in August.
102	5	200	40	175	4,200	Wednesday next after 2d Mond. in Aug.
103	8	147	58	83	4,000	First Wednesday in August.
104	7	74	24	43	6,400	Thursday nearest 25th of July.
105	8	120	3	120	4,000	Third Wednesday in July.
106	6	94	25	32	2,500	Second Thursday in July.
107	7	14	7	48	2,000	Fourth Thursday in June.
108	6	78	24	62	7,000	First Wednesday in July.
109	7	32	5	56	3,300	Fourth Thursday in June.
110	17	25		160	12,000	July 15th.
111	10	85	7	3	5,500	Last Thursday in July.
112	5	13		44		Last Thursday in September.
113	7	35		75		July 4th.
114	4	17	21	20	900	Second Thursday in August.
115	2			75		
116	17	91		64	6,400	Third Wednesday in July.
117	4			30	3,000	First Monday in October.
118	3			20	800	Fourth Wednesday in July.
119	6	3		26	1,800	Second Wednesday in July.

## ANNUAL COLLEGE EXPENSES.

Name.	Instruction.	Room-rent and other Coll. Exp.	Total College Charges.	Board.	Wood, Lights, and Washing.
Bowdoin,	\$ 24.00	\$ 22.00	\$ 46.00	39 weeks, \$ 58.50	\$ 35.00
Dartmouth,	27.00	13.24	40.24	38 "	57.00
Harvard,	75.00	15.00	90.00	40 " 70-90.00	9.00
Williams,	30.00	9.00	39.00	39 "	65.00
Amherst,	33.00	15.00	48.00	40 "	60.00
Brown,	40.00	23.00	63.00	39 "	60.00
Yale,	39.00	21.00	60.00	40 " 64-100.00	16-33
Weesleyan,	36.00	11.25	47.25	39 "	58.50
Hamilton,	26.00	14.00	40.00	38 or 39 w. 68.00	20.00
New Jersey,	50.00	28.14	78.14	40 weeks, 80.00	28.00
Dickinson,	33.00	14.00	47.00	43 "	75.25
University of Virginia,	75.00	23.00	98.00	44 "	110.00
North Carolina Univ.,	60.00	11.00	61.00	40 "	90.00
Transylvania,	40.00	12.00	52.00	40 "	100.00
Western Reserve,	30.00	11.00	41.00	42 "	80.00

## 2. THEOLOGICAL SCHOOLS.

Name.	Place.	Denomination.	Commenced Operation.	No. Profess'rs.	Students near 1851 - 52.	Number educated.	Volumes in Library.
Bangor Theological Seminary,	Bangor, Me.	Congregation.,	1816	3	37	202	7,000
Meth. Gen. Bib. Institute,	Concord, N. H.	Methodist,	1847	-3	40		2,000
Gilmanton Theol. Seminary,	Gilmanton, "	Congregation.,	1835	3	23	69	4,300
N. Hampton Theol. Seminary,	New Hampton, "	Baptist,	1825	2	36		2,000
Theological Seminary,	Andover, Mass.	Congregation.,	1807	6	87	1,006	21,259
Divinity School, Harv. Univ.,	Cambridge, "	Cong. Unit.,	1816	2	23	238	3,000
Theological Institution,	Newton, "	Baptist,	1825	4	33	201	5,500
Theol. Dep. Yale College,	New Haven, Conn.	Congregation.,	1822	4	38	620	900
Theol. Inst. of Connecticut,	East Windsor, "	"	1834	3	17	151	5,000
Theol. Inst. Episc. Church,	New York, N. Y.	Prot. Episcop.,	1817	5	64	336	10,000
Union Theological Seminary,	"	Presbyterian,	1836	5	106	211	18,000
Theol. Sem. of Auburn,	Auburn, "	"	1821	4	30	580	6,000
Hamilton Lit. and Theol. Inst.,	Hamilton, "	Baptist,	1820	2	12	243	8,000
Rochester Theol. Seminary,	Rochester, "	"	1850	2	29	6	3,000
Hartwick Seminary,	Hartwick, "	Lutheran,	1816	2	5	52	1,250
Theol. Sem. Ass. Ref. Church,	Newburg, "	Ass. Ref. Ch.,	1836	1	11	143	3,200
Th. Sem. Dutch Ref. Church,	N. Brunswick, N. J.	Dutch Ref.,	1784	3	34	179	7,000
Theol. Sem. Presbyt. Church,	Princeton, "	Presbyterian,	1812	5	153	1,626	11,000
Seminary, Lutheran Church,	Gettysburg, Pa.	Evang. Luth.,	1825	2	20	250	8,500
German Reformed,	Mercersburg, "	Germ. Ref. Ch.,	1825	2	18	121	6,000
Western Theol. Seminary,	Alleghany T., "	Presbyterian,	1828	2	48	252	6,000
Theological School,	Canonsburg, "	Asso. Church,	1792	2	23	147	2,000
Theological Seminary,	Pittsburg, "	Asso. Ref.,	1823	3	35	85	1,500
Western Theological School,	Meadville, "	Cong. Unit.,	1844	4	40	9	8,000
Theological Seminary,	Philadelphia, "	Ref. Presbyt.,	"	3	13		
Episc. Theol. School of Va.,	Fairfax Co., Va.	Prot. Episcop.,	1822	4	32	229	5,000
Union Theological Seminary,	Prince Ed. Co., "	Presbyterian,	1824	3	20	175	4,000
Virginia Baptist Seminary,	Richmond, "	Baptist,	1832	3	67		1,000
Southern Theol. Seminary,	Columbia, S. C.	Presbyterian,	1831	6	32	142	4,600
Theological Seminary,	Lexington, "	Lutheran,	1835	2	10	20	1,800
Furman Theological Seminary,	Fairfield Dist.,	Baptist,	1826	2	30	30	1,000
Mercer Theological Seminary,	Penfield, Ga.	"	1844	2	6	3	2,200
Howard Theol. Institution,	Marion, Ala.	"	1843	1	13	3	1,000
Western Bap. Theol. Institut.,	Covington, Ky.	"	1840	4	18	9	2,000
Southwest Theol. Seminary,	Maryville, Tenn.	Presbyterian,	1821	2	24	90	6,000
Lane Seminary,	Cincinnati, Ohio,	"	1829	3	36	257	10,500
Theol. Dep. Kenyon College,	Gambier, "	Prot. Episcop.,	1828	4	4	30	4,500
Theol. Dep. Wes. Res. College,	Hudson, "	Presbyterian,	1830	3	14		79
Granville Theol. Department,	Granville, "	Baptist,	1832	2	8		500
Oberlin Theol. Department,	Oberlin, "	Congregation.,	1835	3	22	139	300
Theol. Sem. Ass. Ref. Church,	Oxford, "	Asso. Ref.,	1839	1	12	31	1,500
Wittenberg,	Springfield, "	Christian,	1845	2	8		
Indiana Theological Seminary,	Hanover, Ind.	Presbyterian,			10		
Alton Theological Seminary,	Upper Alton, Ill.	Baptist,	1835				

## 3. LAW SCHOOLS.

Place.	Name.	Professors.	Students.
Cambridge, Mass.,	Harvard University,	3	124
New Haven, Conn.,	Yale College,	2	26
Albany, N. Y.,	University of Albany,	3	23
Princeton, N. J.,	College of New Jersey,	3	8
Carlisle, Pa.,	Dickinson College,	1	9
Williamsburg, Va.,	William and Mary College,	1	32
Charlottesville, Va.,	University of Virginia,	2	81
Chapel Hill, N. C.,	North Carolina University,	1	10
Tuscaloosa, Ala.,	Alabama University,	1	
New Orleans, La.	University of Louisiana,	3	
Lexington, Ky.,	Transylvania University,	3	75
Louisville, Ky.,	University of Louisville,	3	50
Lebanon, Tenn.,	Cumberland University,	3	86
Cincinnati, Ohio,	Cincinnati College,	3	25
Bloomington, Ind.,	Indiana State University,	2	29
Freencastle, Ind.,	Indiana Asbury University,	1	

## 4. MEDICAL SCHOOLS.

Name.	Place.	Found- ed.	Prof.	Stu.	Grad- uates.	Lectures commence.
Maine Medical School,	Brunswick Me.	1820	5	51	634	February 15th.
N. H. Medical School,	Hanover, N.H.	1798	6	45	850	First week in Aug.
Castleton Medical College,	Castleton, Vt.	1818	7	104	555	4th Thurs. in Aug.
Vermont Medical College,	Woodstock, Vt.	1835	7	90	332	1st Th. in March.
Medical School, Harv. Univ.,	Cambridge, Ms.	1782	6	127	575	1st Wed. in Nov.
Berkshire Medical School,	Pittsfield, "	1823	5	103	473	1st Th. in Sept.
Medical Inst. Yale College,	N. Haven, Ct.	1813	6	37	607	Last Thurs. of Sept.
Coll. Phys. & Surg., N. Y.,	N. York, N.Y.	1807	6	219	852	1st Mon. in Nov.
Med. Inst. Geneva Coll.,	Geneva, "	1835	6	60	98	1st Tues. in Oct.
Med. Faculty, Univ. N. Y.,	N. York, "	1837	6	421	597	Last Mon. in Oct.
Albany Medical College,	Albany, "	1839	8	114	58	1st Tues. in Oct.
Med. Dep. Univ. Penn.,	Philadel., Pa.	1765	7	450	5,316	1st Mon. in Nov.
Jefferson Medical College,	" "	1824	7	514	2,036	1st Mon. in Nov.
Med. Dep. Penn. College,	" "	1839	7	124	73	2d Monday in Oct.
Philadelphia Coll. of Med.,	" "	"	7	75	250	"
Med. School, Univ. Md.,	Baltimore, Md.	1807	6	100	909	October 31st.
Washington Med. College,	" "	1827	6	25	"	1st Mon. in Nov.
Med. School, Columb. Coll.,	Washington,	1825	6	40	81	1st Mon. in Nov.
Med. School, Univ. Va.,	Charlottesville,	1819	3	96	"	1st Mon. in Oct.
Med. Dep. Hamp.-Sid. Coll.,	Richmond, Va.	1838	7	90	40	October 13.
Winchester Med. College,	Winchester, "	"	5	"	"	1st Mon. in Oct.
Med. Coll. State of S. C.,	Charleston, S.C.	1833	8	158	"	2d Mon. in Nov.
Med. College of Georgia,	Augusta, Ga.	1830	7	116	124	2d Mon. in Nov.
Med. Dep. Univ. Louisiana,	N. Orleans, La.	1835	7	188	"	3d Mon. in Nov.
Med. Dep. Univ. Nashville,	Nashville, Ten.	1850	7	"	"	1st Mon. in Nov.
Med. Dep. Transylv. Univ.,	Lexington, Ky.	1818	7	214	1,351	1st Mon. in Nov.
Med. Dep. Univ. Louisville,	Louisville, "	1837	7	376	53	1st Mon. in Nov.
West'n Reserve Med. Coll.,	Cleveland, Oh.	1844	6	202	411	1st Wed. in Nov.
Medical College of Ohio,	Cincinnati, "	1819	8	130	331	1st Mon. in Nov.
West. Coll. Homoeopath. Med.	Cleveland, "	1850	8	62	17	1st Mon. in Nov.
Starling Medical College,	Columbus, "	1847	8	124	53	1st Mon. in Nov.
Indiana Medical College,	Laporte, Ind.	"	7	104	19	1st Mon. in Nov.
Indiana Central Med. College,	Indianapolis,	1849	8	50	28	November 1st.
Rush Medical College,	Chicago, Ill.	1842	6	70	16	1st Mon. in Nov.
University of Michigan,	Ann Arbor,	1837	5	95	"	1st Wed. in Oct.
Med. Dep. of St. Louis Univ.,	St. Louis, Mo.	1836	9	72	109	November 1st.
Med. Dep. of Missouri Univ.,	Columbia, "	1840	7	92	"	1st Mon. in Nov.

## XV. SMITHSONIAN INSTITUTION.

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## Executive Committee.

Joseph G. Totten,

A. Dallas Bache,

James A. Pearce.

## XVI. RELIGIOUS DENOMINATIONS IN THE UNITED STATES.

*According to returns made 1844 - 52, and by Estimate.*

Names.	Churches.	Ministers.	Communicants.
Roman Catholics, . . . . .	1,073	1,081	1,233,350
Protestant Episcopalians, . . . . .	1,300	1,650	110,000
Presbyterians, Old School, . . . . .	2,675	2,027	210,306
Presbyterians, New School, . . . . .	1,579	1,459	140,060
Cumberland Presbyterians, . . . . .	480	360	50,000
Other classes of Presbyterians, . . . . .	530	238	45,500
Dutch Reformed, . . . . .	282	269	33,980
German Reformed, . . . . .	261	273	70,000
Evangelical Lutherans, . . . . .	1,604	663	163,000
Moravians, . . . . .	22	24	6,000
Methodist Episcopal (North), . . . . .		3,984	662,316
Methodist Episcopal (South), . . . . .			
Methodist Protestant Church, . . . . .		740	64,313
Reformed Methodists, . . . . .		75	3,000
Wesleyan Methodists, . . . . .		600	20,000
German Methodists (United Brethren), . . . . .	1,800	500	15,000
Allbright Methodists (Evangel. Associa'n), . . . . .	600	250	15,000
Mennonites, . . . . .	400	250	58,000
Orthodox Congregationalists, . . . . .	1,971	1,637	197,196
Unitarian Congregationalists, . . . . .	245	250	30,000
Universalists, . . . . .	1,194	700	60,000
Swedenborgians, . . . . .	42	30	5,000
Regular Baptists, . . . . .	8,872	5,509	719,290
Six-Principle Baptists, . . . . .	21	25	3,586
Seventh-Day Baptists, . . . . .	52	43	6,243
Free-Will Baptists, . . . . .	1,252	1,062	56,452
Church-of-God Baptists, . . . . .	97	128	10,102
Reformed Baptists (Campbellites), . . . . .	1,843	848	118,608
Christian Baptists (Unitarians), . . . . .	607	498	3,040
Anti-Mission Baptists, . . . . .	2,023	897	64,738

## XVII. Table exhibiting the Seats of Government, the Times of the Election of State Officers and the Meeting of the Legislatures, of the several States.

States.	Seats of Government.	Times of Holding Elections.	Times of the Meeting of the Legislatures.
Maine,	Augusta,	2d Monday in September,	2d Wednesday in January.
N. Hampshire,	Concord,	2d Tuesday in March,	1st Wednesday in June.
Vermont,	Montpelier,	1st Tuesday in September,	2d Thursday in October.
Massachusetts,	Boston,	2d Monday in November,	1st Wednesday in January.
Rhode Island,	{ Providence, } { Newport, }	1st Wednesday in April,	{ 1st Tuesday in May. { Last Monday in October.
Connecticut,	Hart'd & N. Hav.,	1st Monday in April,	1st Wednesday in May.
New York,	Albany,	Tu. after 1st Mon. in Nov.,	1st Tuesday in January.
New Jersey,	Trenton,	Tu. after 1st Mon. in Nov.,	2d Tuesday in January.
Pennsylvania,	Harrisburg,	2d Tuesday in October,	1st Tuesday in January.
Delaware,	Dover,	2d Tuesday in November,	1st Tues. in Jan., <i>biennially</i>
Maryland,	Annapolis,	1st Wednesday in Nov.,	1st Wednesday in Jan.
Virginia,	Richmond,	4th Thursday in October,	2d Monday in Jan., <i>bienn.</i>
N. Carolina;	Baleigh,	1st Thursday in August,	3d Monday in Nov., <i>bienn.</i>
S. Carolina,	Columbia,	2d Monday in October,	4th Monday in November.
Georgia,	Milledgeville,	1st Monday in October,	1st Monday in Nov., <i>bienn.</i>
Florida,	Tallahassee,	1st Monday in October,	1st Monday in Nov., <i>bienn.</i>
Alabama,	Montgomery,	1st Monday in August,	2d Monday in Nov., <i>bienn.</i>
Mississippi,	Jackson,	1st Mon. and Tu. in Nov.	1st Monday in Jan., <i>bienn.</i>
Louisiana,	Baton Rouge,	1st Monday in November,	3d Monday in Jan., <i>bienn.</i>
Texas,	Austin,	1st Monday in August,	December, <i>bienn.</i>
Arkansas,	Little Rock,	1st Monday in August,	1st Monday in Nov., <i>bienn.</i>
Tennessee,	Nashville,	1st Thursday in August,	1st Monday in Oct., <i>bienn.</i>
Kentucky,	Frankfort,	1st Monday in August,	1st Monday in December.
Ohio,	Columbus,	2d Tuesday in October,	1st Monday in Jan., <i>bienn.</i>
Indiana,	Indianapolis,	2d Tuesday in October,	Thurs. af. 1st Mon. in Jan., <i>bi.</i>
Illinois,	Springfield,	Tu. after 1st Mon. in Nov.,	2d Monday in Jan., <i>bienn.</i>
Missouri,	Jefferson City,	1st Monday in August,	Last Mon. in Dec., <i>bienn.</i>
Michigan,	Lansing,	Tu. after 1st Mon. in Nov.	1st Wed. in Jan., <i>bienn.</i>
Iowa,	Iowa City,	1st Monday in August,	1st Monday in Dec., <i>bienn.</i>
Wisconsin,	Madison,	Tu. after 1st Mon. in Nov.,	1st Monday in January.
California,	San José,	Tu. after 1st Mon. in Nov.,	1st Monday in January.

# XVIII. GOVERNORS OF THE SEVERAL STATES AND TERRITORIES,

*With their Salaries, Terms of Office, and the Expiration of their respective Terms; the Number of Senators and Representatives in the State Legislatures, with their respective Terms.*

States.	Governors.	Salaries.	Governor, Term years.	Term expires.	Senators, Term years.	Representa- tives, Term years.
Maine,	John Hubbard,	\$1,500	1	Jan. 1853	31	151
N. Hampshire,	Noah Martin,	1,000	1	June 1853	12	286
Vermont,	Erastus Fairbanks,	750	1	Oct. 1853	30	230
Massachusetts,	George S. Boutwell,	2,500	1	Jan. 1853	40	356
Rhode Island,	Philip Allen,	400	1	May 1853	31	72
Connecticut,	Thomas H. Seymour,	1,100	1	May 1853	21	215
New York,	Horatio Seymour,	4,000	2	Jan. 1855	32	128
New Jersey,	George F. Fort,	1,800*	3	Jan. 1854	20	60
Pennsylvania,	William Bigler,	3,000	3	Jan. 1855	33	100
Delaware,	William H. Ross,	1,333‡	4	Jan. 1855	9	21
Maryland,	Enoch L. Lowe,	3,600*	4	Jan. 1854	22	74
Virginia,	Joseph Johnson,	5,000	3	Jan. 1856	50	152
N. Carolina,	David S. Reid,	2,000*	2	Jan. 1855	50	120
S. Carolina,	John H. Means,	3,500	2	Dec. 1852	45	124
Georgia,	Howell Cobb,	3,000	2	Nov. 1853	47	130
Florida,	Thomas Brown,	1,500	4	Oct. 1853	19	40
Alabama,	Henry W. Collier,	2,500	2	Dec. 1853	33	100
Mississippi,	Henry S. Foote,	3,000	2	Jan. 1854	32	92
Louisiana,	Joseph Walker,	6,000	4	Jan. 1854	32	97
Texas,	P. Hansborough Bell,	2,000	2	Dec. 1853	21	66
Arkansas,	Elias N. Conway,	1,800	4	Nov. 1856	25	75
Tennessee,	Wm. B. Campoell,	2,000	2	Oct. 1853	25	75
Kentucky,	L. W. Powell,	2,500	4	Aug. 1855	38	100
Ohio,	Reuben Wood,	1,800	2	Dec. 1854	35	100
Michigan,	Robert McClelland,	1,500	2	Jan. 1853	32	66
Indiana,	Joseph A. Wright,	1,300	3	Jan. 1856	50	100
Illinois,	Augustus C. French,	1,500	4	Jan. 1853	25	75
Missouri,	Austin A. King,	2,000†	4	Nov. 1856	18	49
Iowa,	Stephen Hempstead,	1,000	4	Dec. 1854	30	59
Wisconsin,	Leonard J. Farwell,	1,250	2	Dec. 1853	18	54
California,	John Bigler,	10,000	2	Dec. 1853	16	36
Oregon Ter.,	John P. Gaines,	3,000‡	4	Aug. 1853	9	18
Minnesota Ter.,	Alexander Ramsey,	2,500§	4	Mar. 1853	9	18
New Mexico "	James S. Calhoun,	2,500§	4	Mar. 1855	13	26
Utah Ter.,	Brigham Young,	2,500§	4	Sept. 1854	13	26

In all the States, except South Carolina, the Governor is voted for by the people; and if no one has a majority of all the votes, in the States in which such a majority is required, the Legislature elects to the office of Governor one of the candidates voted for by the people.

\* And fees.

† With the use of a furnished house.

‡ Including \$1,500 as Superintendent of Indian Affairs.

§ Including \$1,000 as Superintendent of Indian Affairs.



## XIX. COMPARATIVE VIEW OF

States.	Absolute Debt.	Contingent Debt.	Total Debt.	Annual Interest on Absolute Debt.
Maine, . . .	\$ 600,500	\$	\$ 600,500	\$ 36,000
New Hampshire, . .	76,000		75,732	4,544
Vermont, . . .	None.		None.	
Massachusetts, . .	1,341,475	5,049,555	6,391,030	63,950
Rhode Island, . .	None.	382,335	382,335	
Connecticut, . . .	33,000	58,212	91,212	1,980
New York, . . .	21,690,802	933,036	22,623,838	1,230,000
New Jersey, . . .	71,346		71,346	4,281
Pennsylvania, . .	40,114,236		40,114,236	2,015,500
Delaware, . . .	None.		None.	
Maryland, . . .	10,796,978	4,463,689	15,260,667	650,000
Virginia, . . .	13,674,255	3,901,374	17,575,629	812,355
North Carolina, . .	None.	977,000	977,000	
South Carolina, . .	2,093,509	1,051,422	3,144,931	110,000
Georgia, . . .	1,828,472		1,828,472	110,223
Florida, . . .	None.		None.	
Alabama, . . .	5,654,838	1,087,501	6,742,339	418,627
Mississippi, . . .	2,271,707	5,000,000	7,271,707	136,000
Louisiana, . . .	915,566	10,577,000	11,492,566	70,000
Texas, . . .	12,436,991		12,436,991	
Arkansas, . . .	1,506,562		1,506,562	90,131
Tennessee, . . .	3,352,856		3,352,856	179,176
Kentucky, . . .	5,726,308		5,726,308	343,000
Ohio, . . .	17,339,216		17,339,216	1,023,522
Michigan, . . .	2,529,872		2,529,872	150,000
Indiana, . . .	6,907,477		6,907,477	300,000
Illinois, . . .	16,627,509		16,627,509	
Missouri, . . .	922,261		922,261	75,000
Iowa, . . .	79,442		79,442	5,324
Wisconsin, . . .	None.		None.	
California, . . .	485,460		485,460	
Total, . . .	169,076,638	33,481,124	202,557,762	7,796,888
Total, near Jan. 1, 1851,	170,535,238	31,006,386	201,541,624	7,555,351
Total, " " 1850,	169,549,334	38,756,218	209,305,552	7,677,646
Total, " " 1849,	170,749,453	40,502,979	211,252,432	7,884,035
Total, " " 1848,	169,776,030	35,932,008	205,708,038	8,521,671
Total, " " 1847,	165,129,900	51,781,654	216,911,554	9,072,939
Total, " " 1846,	179,635,022	44,388,805	224,023,827	9,930,052

These tables are believed to be very accurate, being compiled almost exclusively from official reports made by the Treasurers and Auditors to the Legislatures of the several States, near the 1st of January, 1852. The account of the State debts, in particular, is full, and may be depended upon; that of the several kinds of property owned by the States of course is more defective,—for the State archives seldom afford complete materials for accurate accounts of this sort, and the property is sometimes estimated at a nominal valuation, which is much above its market value. The editor

## THE FINANCES OF THE STATES.

States.	Amount of School Fund.	Other Productive Property.	Other Property not now Productive.	Ordinary annual Expenditure exclusive of Debts & Schools
Maine, . . . .	350,000	700,000	0	150,000
New Hampshire, . .	None.	None.		80,000
Vermont, . . . .	None.	None.		100,000
Massachusetts, . .	955,121	7,821,000	1,607,000	500,000
Rhode Island, . .	56,314			50,000
Connecticut, . . .	2,049,482	406,000		115,000
New York, . . . .	6,612,851	35,115,237		750,000
New Jersey, . . .	373,983	279,540	764,670	90,000
Pennsylvania, . . .		31,639,321	321,032	350,000
Delaware, . . . .	225,000	190,000		11,000
Maryland, . . . .	148,509	11,212,617	16,319,138	170,000
Virginia, . . . .	1,132,606	7,060,565	6,052,266	600,000
North Carolina, . .				75,000
South Carolina, . .		5,000,000		115,000
Georgia, . . . .	262,300	10,000	15,635	131,000
Florida, . . . .				45,000
Alabama, . . . .	1,075,818	700,000		100,000
Mississippi, . . .			2,000,000	130,000
Louisiana, . . . .			2,416,938	515,000
Texas, . . . .				100,000
Arkansas, . . . .				35,000
Tennessee, . . . .	1,346,068	4,837,430	1,101,390	165,000
Kentucky, . . . .	1,400,270	6,000,000		250,000
Ohio, . . . .	1,754,322	18,000,000		200,000
Michigan, . . . .	500,000	628,900		125,000
Indiana, . . . .	4,664,279			80,000
Illinois, . . . .	790,121	5,000,000		125,000
Missouri, . . . .	575,668	382,034		110,000
Iowa, . . . .	132,909			25,000
Wisconsin, . . . .	765,109			20,000
California, . . . .				500,000
Total, . . . .	25,170,730	134,982,644	30,598,069	5,812,000
Total, near Jan. 1, 1851,	20,456,605	134,936,578	29,855,912	5,812,000
Total, " " 1850,	21,542,683	125,369,722	27,584,443	5,673,121
Total, " " 1849,	21,420,275	118,508,448	28,236,755	5,258,652
Total, " " 1848,	20,338,246	111,638,746	31,498,469	5,062,310
Total, " " 1847,	17,631,553	108,643,384	30,660,945	5,435,285
Total, " " 1846,	16,608,719	110,396,552	23,232,715	5,455,186

of the American Almanac respectfully invites his correspondents in the several States to communicate such errors as they may detect in these tables. The object here is to give only a summary of the facts, so as to afford the means of comparing the States with each other. Their financial condition is shown at much greater length under the head of "Individual States." Official returns published in this work for 1843 (page 135) show that the total of the debts of the States in 1842 was \$198,818,736. It is apparent, then, that there has been no great reduction of these debts.

## XX. POPULATION OF THE UNITED STATES.

States.	1790.	1800.	1810.	1820.	1830.	1840.	1850.
Maine,	96,540	151,719	223,705	293,345	399,955	501,793	553,169
New Hampshire,	141,899	183,762	214,360	244,161	269,323	284,574	317,976
Vermont,	85,416	154,465	217,713	235,764	280,652	291,948	314,120
Massachusetts,	373,717	423,245	472,040	523,287	610,408	737,699	994,499
Rhode Island,	69,110	69,122	77,031	83,069	97,199	108,830	147,544
Connecticut,	233,141	251,002	262,042	275,202	297,665	309,978	370,791
New York,	340,120	586,756	959,949	1,372,812	1,918,698	2,428,921	3,097,394
New Jersey,	184,139	211,949	249,555	277,575	320,823	373,306	489,561
Pennsylvania,	434,373	602,365	810,091	1,049,458	1,348,233	1,724,033	2,311,786
Delaware,	59,093	64,273	72,674	72,749	76,748	78,085	91,532
Maryland,	319,728	341,543	380,546	407,350	447,040	470,019	583,034
Virginia,	743,303	830,200	974,642	1,065,379	1,211,405	1,239,797	1,421,661
North Carolina,	393,751	478,103	555,500	638,829	737,987	753,419	868,903
South Carolina,	249,073	345,591	415,715	502,741	581,186	594,398	663,507
Georgia,	82,548	162,101	252,433	340,937	516,823	691,392	905,999
Florida,	.	.	.	.	34,730	54,477	87,401
Alabama,	.	.	20,845	127,901	309,527	590,758	771,671
Mississippi,	.	8,850	40,352	75,448	136,621	375,651	606,555
Louisiana,	.	.	76,566	153,407	215,739	352,411	517,839
Texas,	.	.	.	.	.	.	212,592
Arkansas,	.	.	.	14,273	30,388	97,574	209,639
Tennessee,	30,791	105,602	261,727	422,813	681,904	829,210	1,002,625
Kentucky,	73,077	220,955	406,511	564,317	637,917	779,828	982,405
Ohio,	.	45,365	230,760	531,434	937,903	1,519,467	1,980,408
Michigan,	.	.	4,762	8,896	31,639	212,267	397,654
Indiana,	.	4,875	24,520	147,173	343,031	655,868	983,416
Illinois,	.	.	12,252	55,211	157,455	476,183	851,470
Missouri,	.	.	20,845	66,586	140,445	383,702	682,043
Wisconsin,	.	.	.	.	.	30,945	305,191
Iowa,	.	.	.	.	.	43,112	192,214
Dist. of Columbia,	.	14,093	24,023	33,039	39,834	43,712	51,687
California,	.	.	.	.	.	.	92,597
Total,	3,929,872	5,306,952	7,239,814	9,638,131	12,866,921	17,063,353	23,191,074

## XXI. SLAVES IN THE UNITED STATES.

States.	1790.	1800.	1810.	1820.	1830.	1840.	1850.*
Maine,	0	0	0	0	0	0	0
New Hampshire,	158	8	0	0	0	1	0
Vermont,	17	0	0	0	0	0	0
Massachusetts,	0	0	0	0	0	0	0
Rhode Island,	952	381	103	48	17	5	0
Connecticut,	2,759	951	310	97	25	17	0
New York,	21,324	20,343	15,017	10,088	75	4	9
New Jersey,	11,423	12,422	10,851	7,657	2,254	674	† 225
Pennsylvania,	3,737	1,706	795	211	403	64	0
Delaware,	8,887	6,153	4,177	4,509	3,392	2,605	2,290
Maryland,	103,036	105,635	111,602	107,398	102,294	89,737	90,368
Virginia,	203,427	345,796	392,518	425,153	469,757	448,987	472,528
North Carolina,	100,572	133,296	168,824	295,017	235,601	245,817	288,412
South Carolina,	107,094	146,151	196,365	258,475	315,401	327,038	384,994
Florida,	.	.	.	.	15,801	25,717	39,709
Georgia,	29,264	59,404	105,218	149,656	217,531	280,944	331,631
Alabama,	.	.	.	41,879	117,549	253,532	342,892
Mississippi,	.	3,489	17,088	32,814	65,659	195,211	309,898
Louisiana,	.	.	34,660	69,064	109,588	168,452	239,021
Texas,	.	.	.	.	.	.	58,161
Arkansas,	.	.	.	1,617	4,576	19,935	46,982
Tennessee,	3,417	13,584	44,585	80,107	141,603	183,059	239,461
Kentucky,	11,830	40,343	80,561	126,732	165,213	182,258	244,786
Ohio,	.	.	.	.	0	3	0
Michigan,	.	.	24	.	82	0	0
Indiana,	.	135	237	190	0	3	0
Illinois,	.	.	168	117	747	331	0
Missouri,	.	.	3,011	10,222	25,081	58,240	87,422
Wisconsin,	.	.	.	.	.	11	0
Iowa,	.	.	.	.	.	16	0
California,	.	.	.	.	.	.	0
Dist. of Columbia,	.	3,244	5,395	6,377	6,119	4,694	3,687
Total,	697,897	893,041	1,191,364	1,538,064	2,009,031	2,487,355	3,204,067

\* No slaves are returned in the Territories of Minnesota, New Mexico, and Oregon; in Utah 26 are returned; for their population see p. 209.

† Apprentices by the State act to abolish Slavery, of April 18, 1846.

## XXII. SEVENTH CENSUS OF THE UNITED STATES.

POPULATION OF THE UNITED STATES ACCORDING TO THE SEVENTH CENSUS,  
AND REPRESENTATIVES IN CONGRESS.\*

States.	White Popula- tion.	Free Color'd Popula- tion.	Total Free.	Slaves.	Federal Representa- tive Popula- tion.	No of Repre- sentatives.	Gain or loss from last Cens.	Frac- tions over.
Maine.	581,813	1,356	583,169		583,169	6	— 1	22,649
New Hampshire,	317,456	520	317,976		317,976	3	— 1	37,716
Vermont,	313,402	718	314,120		314,120	3	— 1	33,860
Massachusetts,	985,704	8,795	994,499		994,499	11	+ 1	160,299
Rhode Island,	143,875	3,669	147,544		147,544	2		154,124
Connecticut,	363,305	7,486	370,791		370,791	4		190,531
New York,	3,049,457	47,937	3,097,394		3,097,394	33	— 1	14,534
New Jersey,	465,523	23,807	489,330	†225	489,465	5		22,365
Pennsylvania,	2,258,463	53,323	2,311,786		2,311,786	25	+ 1	169,706
Delaware,	71,169	18,073	89,242	2,290	90,616	1		
Maryland,	417,943	74,723	492,666	90,368	546,886	6		179,786
Virginia,	895,304	53,829	949,133	472,528	1,232,649	13	— 2	18,189
North Carolina,	553,118	27,373	580,491	288,412	753,538	8	— 1	6,178
South Carolina,	274,623	8,900	283,523	384,984	514,513	6	— 1	147,713
Georgia,	521,438	2,880	524,318	381,681	753,326	8		5,966
Florida,	47,167	925	48,092	39,309	71,677	1		
Alabama,	426,486	2,293	428,779	342,892	634,514	7		73,994
Mississippi,	295,758	899	296,657	309,898	482,595	5	+ 1	15,495
Louisiana,	255,416	17,537	272,953	244,786	419,824	4		46,144
Texas,	154,100	331	154,431	58,161	189,327	2		2,487
Arkansas,	162,068	589	162,657	46,982	190,846	2	+ 1	4,006
Tennessee,	756,893	6,271	763,164	239,461	906,840	10	— 1	166,060
Kentucky,	761,688	9,736	771,424	210,981	898,012	10		157,232
Missouri,	592,077	2,544	594,621	87,422	647,074	7	+ 2	86,554
Ohio,	1,956,108	24,300	1,980,408		1,980,408	21		18,588
Michigan,	395,097	2,557	397,654		397,654	4	+ 1	23,974
Indiana,	977,628	10,788	988,416		988,416	11	+ 1	154,216
Illinois,	846,104	5,366	851,470		851,470	9	+ 2	10,690
Wisconsin,	304,565	626	305,191		305,191	3		24,931
Iowa,	191,879	335	192,214		192,214	2		5,374
California,	91,632	965	92,597		92,597	2		
Total,	19,427,259	419,451	19,846,710	3,200,380	21,766,931	234		
Dist. of Columbia,	38,027	9,973	48,000	3,687				
Minnesota,	6,038	39	6,077					
New Mexico,	61,530	17	61,547					
Oregon,	13,087	206	13,293					
Utah,	11,330	24	11,354	26				
Total,	19,557,271	429,710	19,986,981	3,204,093				

## RECAPITULATION.

	Total Free Population in 1840.	Slaves in 1840.	Total Free Population in 1850	Slaves in 1850.	Representa- tive Pop in 1850.	Rep. Gain in or 1850 loss.
Free States,	9,654,865	1,102	13,434,569	225	13,434,559	143 + 1
Slaveholding States,	7,290,719	2,481,532	6,412,151	3,200,380	8,332,372	90 — 1
Districts and Territories,	117,769	4,721	140,271	3,713		
Total,	17,063,353	2,487,355	19,986,981	3,204,093	21,766,931	233

\* The aggregate representative population (21,766,931), divided by 233, — the number of representatives established by law, — gives 93,420 as the ratio of apportionment among the several States. But this gives only 220 members, leaving 13 to be assigned to the States having the largest residuary fractions.

† These are "Apprentices" by the State act to abolish slavery, passed April 18, 1846.

‡ In the column of fractions, those marked thus, †, entitle the State to an additional Representative, who is included in the number given the State in the column of Representatives.

§ By the act of July 30, 1852 (*Titles and Abstracts of Public Laws*, No. 36, ante, p. 146), an additional Representative is assigned to California, making the whole number of Representatives 234. The ratio of representation remains unchanged.

## XXIII. POPULATION OF THE PRINCIPAL CITIES,

*According to the several Censuses of the United States.*

Cities.	1790.	1800.	1810.	1820.	1830.	1840.	1845.*	1850.
Portland, Me.,		3,677	7,169	8,581	12,601	15,218		20,815
Bangor, "			850	1,221	2,867	8,627		14,432
Manchester, N. H.,			615	761	877	3,235		13,932
Boston, Mass.,	18,038	24,087	32,250	43,293	61,392	93,383	114,366	136,871
Lowell, "				6,474	20,796	20,796	28,841	33,383
Springfield, "			2,767	3,914	6,734	10,985		11,766
Salem, "	7,921	9,457	12,613	12,721	13,886	15,082		20,264
Lawrence, "								18,341
Providence, R. I.,		7,614	10,071	11,767	16,832	23,171		41,512
New Haven, Ct.,			5,772	7,147	10,180	14,890		20,345
Hartford, "			3,955	4,726	7,074	12,793		13,555
New York, N. Y.,	33,131	80,489	96,373	123,708	203,007	312,710	371,102	515,507
Brooklyn, "		3,298	4,402	7,175	12,042	36,233	59,566	96,838
Albany, "	3,498	5,349	9,356	12,630	24,233	33,721	41,139	50,763
Buffalo, "			1,508	2,095	8,653	18,213	29,773	42,261
Rochester, "				1,502	9,269	20,191	25,965	36,403
Williamaburg, "					1,620	5,680		30,780
Troy, "			3,885	5,264	11,401	19,334	21,709	28,785
Syracuse, "						6,502		22,271
Utica, "				2,972	8,323	12,782		17,665
Newark, N. J.,				6,507	10,953	17,290	34,140	38,894
Paterson, "						7,596		11,338
Philadelphia,† Pa.,	42,520	70,287	96,664	103,116	167,188	258,037		408,762
Pittsburg, "		1,565	4,763	7,248	12,542	21,115		46,601
Baltimore, Md.,	13,503	26,614	46,555	62,738	80,625	102,313		169,064
Washington, D. C.,		3,210	8,208	13,247	18,827	23,364		40,001
Richmond, Va.,		5,537	9,735	12,046	16,060	20,153		27,482
Charleston, S. C.,	16,359	18,712	24,711	24,490	30,389	29,261		42,985
Savannah, Ga.,				7,523	9,748	11,214		18,060
Mobile, Ala.,					3,194	12,672		20,513
Nashville, Tenn.,					5,566	6,929		10,478
Louisville, Ky.,			1,357	4,012	10,352	21,210		43,196
Cincinnati, Ohio,		750	2,540	9,644	24,831	46,338		115,436
Columbus, "					2,435	6,043		17,883
Cleveland, "			547	606	1,076	6,071		17,034
Detroit, Mich.,				1,422	2,222	9,102		21,019
Chicago, Ill.,						4,479		29,963
Milwaukee, Wis.,						1,700		20,061
St. Louis, Mo.,				4,598	5,852	16,469	63,491	77,660
New Orleans, La.,			17,242	27,176	46,310	102,493		119,461
San Francisco, Cal.,								15,000

## XXIV. MINT.

It is lawful for any person or persons to bring to the Mint gold and silver bullion to be coined; and the bullion so brought is there assayed and coined, as speedily as may be after the receipt thereof, and, if of the standard of the United States, free of expense to the person or persons by whom it has been brought. But the Treasurer of the Mint is not obliged to receive, for the purpose of refining and coining, any deposit of less value than one hundred dollars, nor any bullion so base as to be unsuitable for minting. And there must be retained from every deposit of bullion below the standard such sum as shall be equivalent to the expense incurred in refining, toughening, and alloying the same; an accurate account of which expense, on every deposit, is kept, and of the sums retained on account of the same, which are accounted for by the Treasurer of the Mint with the Treasurer of the United States.

\* By the State Census of this year.

† Including the County.

*Officers of the Mint at Philadelphia.*

	Salary.		Salary.
Geo. N. Eckert, <i>Director</i> ,	\$ 3,500	James C. Booth, <i>Melter and Refiner</i> ,	\$ 2,000
Edward C. Dale, <i>Treasurer</i> ,	2,000	Jas. B. Longacre, <i>Engraver</i> ,	2,000
Franklin Peale, <i>Chief Coiner</i> ,	2,000	W. E. Dubois, <i>Assist. Assayer</i> ,	1,500
Jacob R. Eckfeldt, <i>Assayer</i> ,	2,000		

*Officers of the Branch at New Orleans, La.*

Robert M. McAlpin, <i>Superint.</i> ,	\$ 2,500	Augustus Devall, <i>Coiner</i> ,	\$ 2,000
Howard Millsbaugh, <i>Assayer</i> ,	2,000	William DeBuys, <i>Treasurer</i> ,	4,000
M. F. Bonzano, <i>Melter &amp; Refiner</i> ,	2,000		

*Officers of the Branch at Dahlonega, Ga.*

A. W. Redding, <i>Superintendent</i> ,	\$ 2,000	Robert H. Moore, <i>Coiner</i> ,	\$ 1,500
M. F. Stephenson, <i>Assayer</i> ,	1,500		

*Officers of the Branch at Charlotte, N. C.*

J. W. Osborne, <i>Superintendent</i> ,	\$ 2,000	Emmor Graham, <i>Coiner</i> ,	\$ 1,500
J. H. Gibbon, <i>Assayer</i> ,	1,500		

*1. Statement of the Deposits for Coinage, at the Mint of the United States and its Branches, in the Year 1851.*

GOLD.		
Coins of the United States, old standard,	\$ 14,245.39	
Foreign Coins,	685,491.17	
United States Bullion,	56,540,611.18	
Foreign Bullion,	182,241.23	
Total of Gold,		\$ 57,422,568.97
SILVER.		
United States Bullion,	\$ 389,470.86	
Foreign Bullion,	105,428.89	
Foreign Coins,	230,281.42	
Total of Silver,		725,181.17
Total of Gold and Silver,		\$ 58,147,770.14

*2. Statement of the Coinage of the Mint of the United States and its Branches in the Year 1851.*

Denominations.	Pieces.	Value.	Denominations.	Pieces.	Value.
GOLD.			Gold and Copper Coins,		
Double Eagles,	2,402,155	\$ 48,043,100		18,615,008	\$ 62,714,127.93
Eagles,	439,328	4,393,280	SILVER.		
Half Eagles,	530,391	2,651,955	Dollars,	1,300	1,300
Quarter-Eagles,	1,546,935	3,867,337.50	Half-Dollars,	602,750	301,375
Dollars,	3,658,920	3,658,920	Quarter-Dollars,	248,000	62,000
Total Gold,	8,577,629	\$62,614,492.50	Dimes,	1,426,500	142,650
COPPER.			Half-Dimes,	1,641,000	82,050
Cents,	9,889,707	98,897.07	Three Cents,	6,167,400	185,022
Half-Cents,	147,672	738.36	Total,	10,086,950	\$ 774,397.00
Total Copper,	10,037,379	\$ 99,635.43	Total Coinage,	28,701,958	\$ 63,488,624.93

Up to September 30, 1852, \$ 136,747,935 of California gold had been received at the Mint and branches. From Jan. 1, 1852, to Sept. 30, 1852, 1,603,217 double eagles, 232,064 eagles, 559,802 half-eagles, 1,036,295 quarter eagles, and 1,674,687 gold dollars were coined. The total gold coinage in value for the 9 months was \$41,448,614.50; silver, \$609,650; copper, \$29,122.61. The whole number of pieces coined in the nine months was 22,008,246. Value, \$42,097,387.11.

3. *Coinage of the Mint of the United States, from 1792, including the Coinage of the Branch Mints from the Commencement of their Operations, in 1838.*

Years.	GOLD.	SILVER.	COPPER.	WHOLE COINAGE.	
	Value.	Value.	Value.	No. of Pieces.	Value.
1793 - 95	\$ 71,485.00	\$ 370,683.80	\$ 11,373.00	1,834,420	\$ 453,541.80
1796	102,727.50	79,077.50	10,324.40	1,219,370	192,129.40
1797	103,422.50	12,591.45	9,510.34	1,095,165	125,524.29
1798	205,610.00	330,291.00	9,797.00	1,368,341	545,698.00
1799	213,255.00	423,515.00	9,106.63	1,365,681	645,906.68
1800	317,760.00	224,296.00	29,279.40	3,337,072	571,335.40
1801	422,570.00	74,758.00	13,623.37	1,571,390	510,956.37
1802	423,310.00	58,343.00	34,422.83	3,615,869	516,075.83
1803	258,377.50	87,118.00	25,203.03	2,780,830	370,698.53
1804	258,642.50	100,340.50	12,844.94	2,046,839	371,827.94
1805	170,367.50	149,338.50	13,483.48	2,260,361	333,239.48
1806	324,505.00	471,319.00	5,260.00	1,815,409	801,084.00
1807	437,495.00	597,448.75	9,652.21	2,731,345	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	2,935,888	982,055.00
1809	169,375.00	707,376.00	8,001.53	2,861,534	884,752.53
1810	501,435.00	638,773.50	15,660.00	3,056,418	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,649,570	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	2,761,646	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,755,831	1,102,275.50
1814	77,270.00	561,687.50	3,573.30	1,833,859	642,535.80
1815	3,175.00	17,308.00		69,867	20,483.00
1816		28,575.75	25,209.82	2,888,135	56,785.57
1817		607,783.50	39,484.00	5,163,967	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	5,637,064	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	5,074,723	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	6,492,609	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	3,139,349	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	3,813,788	915,509.89
1823	72,425.00	895,550.00		2,166,485	967,975.00
1824	93,200.00	1,752,477.00	12,620.00	4,786,894	1,838,297.00
1825	156,355.00	1,564,583.00	14,926.00	5,178,760	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	5,774,434	2,110,679.25
1827	131,565.00	2,869,200.00	23,557.32	9,097,945	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	6,196,853	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	7,674,601	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	8,357,191	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	11,792,284	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	9,128,387	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	10,307,790	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	11,637,643	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	15,996,342	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	13,719,333	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	13,010,721	3,299,898.00
1838	1,809,595.00	2,333,243.00	53,702.00	15,780,311	4,206,540.00
1839	1,355,885.00	2,189,296.00	31,286.61	11,811,594	3,576,467.61
1840	1,675,302.50	1,726,703.00	24,627.00	10,558,240	3,426,632.50
1841	1,091,597.50	1,132,750.00	15,973.67	8,811,968	2,240,321.17
1842	1,834,170.50	2,332,750.00	23,633.90	11,743,153	4,190,754.40
1843	8,108,797.50	3,834,750.00	24,283.20	4,640,582	11,967,830.70
1844	2,230.00	2,235,550.00	23,987.52	9,051,834	7,687,767.52
1845	3,756,447.50	1,573,200.00	38,948.04	1,806,196	5,668,595.54
1846	4,094,177.00	2,558,580.00	41,208.00	10,133,515	6,633,965.00
1847	20,221,385.00	2,374,450.00	61,836.69	15,392,344	22,657,671.69
1848	3,775,512.50	2,040,050.00	64,157.99	12,649,790	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	12,666,659	11,164,695.82
1850	31,981,733.50	1,866,100.00	44,467.50	14,588,320	33,892,301.00
1851	62,614,492.50	774,397.00	99,635.43	28,701,958	63,488,624.93
Total,	179,945,427.50	78,221,961.90	1,395,846.45	399,238,087	258,663,235.85

## XXV. CONGRESS.\*

THE Congress of the United States consists of a Senate and House of Representatives, and must assemble at least once every year, on the first Monday of December, unless it is otherwise provided by law.

The Senate is composed of two members from each State; and, of course, the regular number is now 62. They are chosen by the Legislatures of the several States, for the term of six years, one third of them being elected biennially.

The Vice-President of the United States is the President of the Senate, in which body he has only a casting vote, which is given in case of an equal division of the votes of the Senators. In his absence, a President *pro tempore* is chosen by the Senate.

The House of Representatives is composed of members from the several States, elected by the people, for the term of two years. The Representatives are apportioned among the different States according to population. The 32d Congress is chosen according to the act of Congress of 1842, the ratio being "one Representative for every 70,680 persons in each State, and one additional Representative for each State having a fraction greater than one moiety of the said ratio, computed according to the rule prescribed by the Constitution of the United States." The law of 1842 also requires, that the Representatives of each State "shall be elected by *districts* composed of a contiguous territory, equal in number to the number of Representatives to which said State may be entitled, no one district electing more than one Representative." The present number of Representatives is 233, and there are four Delegates, one each from Oregon, Minnesota, Utah, and New Mexico, who have a right to speak, but not to vote.

Since the 4th of March, 1817, the compensation of each member of the Senate and House of Representatives has been \$8 a day, during the period of his attendance in Congress, without deduction in case of sickness; and \$8 for every twenty miles' travel, in the usual road, in going to and returning from the seat of government. The compensation of the President of the Senate *pro tempore*, and the Speaker of the House of Representatives, is \$16 a day.

## THIRTY-SECOND CONGRESS. THE SENATE.

[The figures denote the expiration of the terms of the Senators.]

Maine.			Vermont.		
J. W. Bradbury,	Augusta,	1853	William Upham,	Montpelier,	1855
Hannibal Hamlin,	Hampden,	1857	Solomon Foot,	Rutland,	1857
New Hampshire.			Massachusetts.		
John P. Hale,	Dover,	1853	John Davis,	Worcester,	1853
Moses Norris, Jr.,	Manchester,	1855	Charles Sumner,	Boston,	1857

\* For the rule of apportionment of the next (33d) Congress, see the American Almanac for 1851, p. 333. For the number of Representatives to which each State is entitled under that apportionment, see *ante*, p. 209.



<i>Rhode Island.</i>		Pierre Soulé, New Orleans, 1855
John H. Clarke, Providence, 1853		<i>Arkansas.</i>
Charles T. James, Providence, 1857		Wm. K. Sebastian, Helena, 1853
<i>Connecticut.</i>		Solon Borland, Hot Springs, 1855
Truman Smith, Litchfield, 1855		<i>Tennessee.</i>
Isaac Toucey, Hartford, 1857		John Bell, Nashville, 1859
<i>New York.</i>		James C. Jones, Memphis, 1857
Wm. H. Seward, Auburn, 1855		<i>Kentucky.</i>
Hamilton Fish, New York, 1857		J. R. Underwood, Bowling Green, 1853
<i>New Jersey.</i>		Archibald Dixon, 1855
Jacob W. Miller, Morristown, 1853		<i>Ohio.</i>
Robert F. Stockton, Princeton, 1857		Salmon P. Chase, Cincinnati, 1855
<i>Pennsylvania.</i>		Benj. F. Wade, Jefferson, 1857
James Cooper, Adams, 1855		<i>Michigan.</i>
Richard Brodhead, Easton, 1857		Alpheus Felch, Ann Arbor, 1853
<i>Delaware.</i>		Lewis Cass, Detroit, 1857
Presley Spruance, Smyrna, 1853		<i>Indiana.</i>
James A. Bayard, Wilmington, 1857		Vacancy, † 1855
<i>Maryland.</i>		Jesse D. Bright, Madison, 1857
James A. Pearce, Chestertown, 1855		<i>Illinois.</i>
Thos. G. Pratt, Annapolis, 1857		S. A. Douglas, Quincy, 1853
<i>Virginia.</i>		James Shields, Belville, 1855
R. M. T. Hunter, Lloyds, Essex Co. 1853		<i>Missouri.</i>
James M. Mason, Winchester, 1857		David R. Atchison, Platte City, 1855
<i>North Carolina.</i>		Henry S. Geyer, St. Louis, 1857
W. P. Mangum, Red Mountain, 1853		<i>Florida.</i>
Geo. E. Badger, Raleigh, 1855		Jackson Morton, Pensacola, 1855
<i>South Carolina.</i>		S. R. Mallory, Jacksonville, 1857
*Wm. F. Desaussure, Columbia, 1853		<i>Texas.</i>
A. P. Butler, Edgefield C.H. 1855		Samuel Houston, Huntsville, 1853
<i>Georgia.</i>		Thos. J. Rusk, Nacogdoches, 1857
†Robt. M. Charlton, Savannah, 1853		<i>Iowa.</i>
Wm. C. Dawson, Greensboro', 1855		George W. Jones, Dubuque, 1853
<i>Alabama.</i>		A. C. Dodge, Burlington, 1855
Jeremiah Clemens, Huntsville, 1853		<i>Wisconsin.</i>
Wm. R. King, Selma, 1855		I. P. Walker, Milwaukee, 1853
<i>Mississippi.</i>		Henry Dodge, Dodgeville, 1857
Walter Brooke, Lexington, 1853		<i>California.</i>
Stephen Adams, Aberdeen, 1857		Wm. M. Gwinn, San Francisco, 1855
<i>Louisiana.</i>		John B. Weller, San Francisco, 1857
Solo. U. Downs, Monroe, 1853		

\* Appointed by the Governor in place of Hon. R. B. Rhett, resigned.

† Appointed by the Governor in place of Hon. J. McP. Berrien, resigned.

‡ Senator Whitcomb died Oct. 4, 1852.

## HOUSE OF REPRESENTATIVES OF THE THIRTY-SECOND CONGRESS,

*which will expire on the 3d of March, 1853.*

[The first regular session of the 32d Congress commenced on the 1st of December, 1851. The numbers attached to the names show the Districts in each State from which the members were chosen.]

*Maine. — 7.*

2. Appleton, John, Portland.
7. Fuller, Thos. J. D., Calais.
3. Goodenow, Robert, Farmington.
1. McDonald, Moses, Biddeford.
4. Reed, Isaac, Waldoboro'.
5. Smart, Ephraim K., Camden.
6. Washburn, Israel, Jr., Orono.

*New Hampshire. — 4.*

4. Hibbard, Harry, Bath.
2. Peaslee, Chas. H., Concord.
3. Perkins, Jared, Winchester.
1. Tuck, Amos, Exeter.

*Vermont. — 4*

4. Bartlett, Thos., Jr., Lyndon.
2. Hebard, William, Chelsea.
3. Meacham, James, Middlebury.
1. Miner, Ahiman L., Manchester.

*Massachusetts. — 10.*

5. Allen, Charles, Worcester.
1. Appleton, William, Boston.
6. Davis, Geo. T., Greenfield.
3. Duncan, Jas. H., Haverhill.
7. Goodrich, John Z., Stockbridge.
8. Mann, Horace, West Newton
10. Scudder, Zeno, Barnstable.
2. Vacancy.\*
4. Vacancy.†
9. Vacancy.‡

*Rhode Island. — 2.*

1. King, George G., Newport.
2. Thurston, Benj. B., Hopkinton.

*Connecticut. — 4.*

1. Chapman, Charles, Hartford.
3. Cleveland, C. F., Hampton.
2. Ingersoll, Colin M., New Haven.
4. Seymour, Origen S., Litchfield.

*New York. — 34.*

23. Babcock, Leander, Oswego.
22. Bennett, Henry, New Berlin.
2. Bowne, Obadiah, Richmond.
14. Boyd, John H., Whitehall.
5. Briggs, George, New York.
6. Brooks, James, New York.
17. Buell, Alex. H., Fairfield.
34. Burrows, Lorenzo, Albion.
8. Dean, Gilbert, Poughkeepsie.
1. Floyd, John G., Moriches.
3. Hart, Emanuel B., New York.
33. Hascall, Aug. P., Le Roy.
32. Haven, Sol. G., Buffalo.
4. Haws, J. H. Hobart, New York.
29. Horsford, Jerediah, Moscow.
25. Howe, Thos. Y., Jr., Auburn.
19. Ives, Willard, Watertown.
20. Jenkins, Timothy, Oneida Castle.
24. Jones, Daniel T., Baldwinsville.
18. King, Preston, Ogdensburg.
31. Martin, Fred. S., Olean.
9. Murray, William, Goshen.
30. Robie, Reuben, Bath.
15. Russell, Joseph, Warrensburg.
27. Sackett, Wm. A., Seneca Falls.
28. Schermerhorn, A. M., Rochester.
13. Schoolcraft, J. L., Albany.
10. Schoonmaker, Marius, Kingston.
12. Seymour, David L., Troy.
21. Snow, Wm. W., Oneonta.
7. Stevens, Abm. P., Nyack.
11. Sutherland, Josiah, Hudson.
26. Walbridge, H. S., Ithaca.
16. Wells, John, Johnstown.

*New Jersey. — 5.*

4. Brown, George H., Somerville.
5. Price, Rodman M., Hoboken.

\* Occasioned by the death of Hon. Robert Rantoul.

† Occasioned by the death of Hon. Benjamin Thompson.

‡ Occasioned by the death of Hon. Orin Fowler.

2. Skelton, Charles, Trenton.
1. Stratton, Nathan T., Mullico Hill.
3. Wildrick, Isaac, Blairstown.

*Pennsylvania.* — 24.

20. Alison, John, Beaver.
14. Bibighaus, Thos. M., Lebanon.
2. Chandler, Jos. R., Philadelphia.
23. Curtis, Carlton B., Warren.
18. Dawson, John L., Brownsville.
10. Dimmick, M. M., Stroudsburg.
1. Florence, Thos. B., Philadelphia.
11. Fuller, Henry M., Wilkesbarre.
13. Gamble, James, Jersey Shore.
24. Gilmore, Alfred, Butler.
12. Grow, Galusha A., Glenwood.
22. Howe, John W., Franklin.
21. Howe, Thos. M., Alleghany City.
9. Jones, J. Glancy, Reading.
19. Kuhns, Jos. H., Greensburg.
15. Kurtz, Wm. H., York.
16. McLanahan, J. X., Chambersburg.
5. McNair, John, Norristown.
3. Moore, Henry D., Philadelphia.
7. Morison, J. A., Cochranville.
17. Parker, Andrew, Mifflintown.
4. Robbins, J., Jr., Kensington, Phil.
6. Ross, Thomas, Doylestown.
8. Stevens, Thaddeus, Lancaster.

*Delaware.* — 1.

1. Riddle, George R., Wilmington.

*Maryland.* — 6.

1. Bowie, Richard J., Rockville.
6. Cottman, Jos. S., Somerset Co.
5. Evans, Alexander, Elkton.
2. Hamilton, Wm. T., Hagerstown.
3. Hammond, Edw., Ellicott's Mills.
4. Walsh, Thos. Yates, Baltimore.

*Virginia.* — 15.

3. Averett, Thos. H., Halifax C. H.
7. Bayly, Thos. H., Accomac C. H.
14. Beale, Jas. M. H., Point Pleasant.
4. Bocock, T. S., Appomatox C. H.
6. Caskie, John S., Richmond.
12. Edmundson, Henry A., Salem.
10. Faulkner, Chas. J., Martinsburg

8. Holladay, Alex. R., Mansfield.
11. Letcher, John, Lexington.
2. Meade, Richard K., Petersburg.
13. McMullen, Fayette, Rye Cove.
1. Millson, John S., Norfolk.
5. Powell, Paulus, Amherst C. H.
9. Strother, J. F., Rappahannock C. H.
15. Thompson, Geo. W., Wheeling.

*North Carolina.* — 9.

7. Ashe, William S., Wilmington.
2. Caldwell, Jos. P., Statesville.
1. Clingman, Thos. L., Asheville.
6. Daniel, J. R. J., Halifax.
3. Dockery, Alfred, Dockery's Store.
4. Morehead, J. T., Greensboro'.
9. Outlaw, David, Windsor.
8. Stanly, Edward, Washington.
5. Venable, Abr. W., Brownsville.

*South Carolina.* — 7.

6. Aiken, William, Charleston.
5. Burt, Armistead, Willington.
7. Colcock, Wm. F., Grahamsville.
4. McQueen, John, Bennettsville.
2. Orr, James L., Anderson C. H.
1. Wallace, Daniel, Jonesville.
3. Woodward, Jos. A., Winnsboro'.

*Georgia.* — 8.

3. Bailey, David J., Jackson.
5. Chastain, E. W., Tacoah.
6. Hillyer, Junius, Monroe.
1. Jackson, Joseph W., Savannah.
2. Johnson, James, Columbus.
4. Murphy, Charles, Decatur.
7. Stephens, A. H., Crawfordville.
8. Toombs, Robert, Washington.

*Alabama.* — 7.

2. Abercrombie, J., Girard.
1. Bragg, John, Mobile.
6. Cobb, W. R. W., Bellefonte.
3. Harris, S. W., Wetumpka.
5. Houston, Geo. S., Athens.
4. Smith, William R., Fayette C. H.
7. White, Alexander, Talladega.

*Mississippi.* — 4.

4. Brown, Albert G., Gallatin.

3. Freeman, John D., Jackson.
1. Nabers, Benj. D., Hickory Flat.
2. Wilcox, John A., Aberdeen.

*Louisiana.*—4.

2. Landry, J. Arist., Donaldsonville.
4. Moore, John, New Iberia.
3. Penn, Alex. G., Covington.
1. St. Martin, Louis, New Orleans.

*Arkansas.*—1.

- Johnson, Robert W., Little Rock.

*Tennessee.*—11.

3. Churchwell, Wm. M., Knoxville.
8. Cullom, William, Carthage.
7. Gentry, M. P., Richmond.
9. Harris, Isham G., Paris.
1. Johnson, Andrew, Greenville.
5. Jones, Geo. W., Fayetteville.
6. Polk, William H., Columbia.
4. Savage, John H., Smithville.
10. Stanton, Fred. P., Memphis.
2. Watkins, A. G., Panther Springs.
11. Williams, Chris. H., Lexington.

*Kentucky.*—10.

1. Boyd, Linn, Paducah.
8. Breckenridge, J. C., Lexington.
3. Ewing, Presley, Russellville.
2. Grey, Benjamin E., Hopkinsville.
7. Marshal, Humph., Newcastle.
9. Mason, John C., Owensville.
10. Stanton, Rich. H., Maysville.
5. Stone, James W., Elizabethtown.
4. Ward, William T., Greensburg.
6. White, Addison, Richmond.

*Ohio.*—21.

7. Barrere, Nelson, Hillsborough.
3. Bell, Hiram, Greenville.
11. Busby, George H., Marion.
17. Cable, Joseph, Carrollton.
2. Campbell, Lewis D., Hamilton.
18. Cartter, David K., Massillon.
1. Disney, David T., Cincinnati.
5. Edgerton, Alfred P., Hicksville.
13. Gaylord, J. M., McConnellsville.
20. Giddings, J. R., Jefferson.

6. Green, Fred. W., Tiffin.
14. Harper, Alexander, Zanesville.
15. Hunter, William F., Woodfield.
16. Johnson, John, Coshocton.
19. Newton, Eben, Canfield.
9. Olds, Edson B., Circleville.
4. Stanton, Benjamin, Bellefontaine.
10. Sweetser, Charles, Delaware.
8. Taylor, John L., Chillicothe.
21. Townshend, N. S., Avon.
12. Welch, John, Athens.

*Michigan.*—3.

3. Conger, James L., Mt. Clemens.
1. Penniman, E. J., Plymouth.
2. Stuart, Charles E., Kalamazoo.

*Indiana.*—10.

10. Brenton, Samuel, Fort Wayne.
7. Davis, John G., Rockville.
2. Dunham, Cyrus L., Payntersville.
9. Fitch, Graham N., Logansport.
6. Gorman, Willis A., Bloomington.
5. Hendricks, Thos. A., Shelbyville.
1. Lockhart, James, Evansville.
8. Mace, Daniel, Lafayette.
4. Parker, Samuel W., Connersville.
3. Robinson, John L., Rushville.

*Illinois.*—7.

2. Allen, Willis, Marion.
1. Bissell, Wm. H., Belleville.
6. Campbell, Thompson, Galena.
3. Ficklin, Orl. B., Charleston.
4. Molony, Rich. S., Belvidere.
5. Richardson, Wm. A., Quincy.
7. Yates, Richard, Jacksonville.

*Missouri.*—5.

1. Darby, John F., St. Louis.
4. Hall, Willard P., St. Joseph's.
3. Miller, John G., Boonville.
5. Phelps, John S., Springfield.
2. Porter, Gilchrist, Bowling Green.

*Florida.*—1.

- Cabell, Edward C., Monticello, M.F.

*Texas.*—2.

2. Howard, Volney E., San Antonio.
1. Scurry, Richardson, Clarksville.

*Iowa.* — 2.

1. Clark, Lincoln, Dubuque.
2. Henn, Bernhardt, Fairfield.

*Wisconsin.* — 3.

3. Doty, James D., Menasha.
1. Durkee, Charles, Kenosha.
2. Eastman, Benj. C., Platteville.

*California.* — 2.

1. Marshall, Ed. C., Sonora.
2. McCorkle, Jos. W., Marysville.

## DELEGATES. — 4.

*Minnesota Territory.* — 1.

Sibley, Henry H., Mendota.

*New Mexico Territory.* — 1.

Weightman, R. C., Santa Fé.

*Oregon Territory.* — 1.

Lane, Joseph, Oregon City.

*Utah Territory.* — 1.

Bernhisel, John M., Salt Lake City.

## ALPHABETICAL LIST OF THE HOUSE OF REPRESENTATIVES.

Abercrombie, J., Ala.	Caldwell, Jos. P., N. C.	Fitch, Graham N., Ind.
Aiken, William, S. C.	Campbell, L. D., O.	Florence, Thos. B., Pa.
Alison, John, Pa.	Campbell, T., Ill.	Floyd, John G., N. Y.
Allen, Charles, Ms.	Carter, David K., O.	Freeman, J. D., Miss.
Allen, Willis, Ill.	Caskie, J. S., Va.	Fuller, Henry M., Pa.
Appleton, John, Me.	Chandler, Jos. R., Pa.	Fuller, Thos. J. D., Me.
Appleton, William, Ms.	Chapman, Charles, Ct.	Gamble, James, Pa.
Ashe, Wm. S., N. C.	Chastain, E. W., Ga.	Gaylord, James M., O.
Averett, J. H., Va.	Churchwell, Wm., Tenn.	Gentry, M. P., Tenn.
Babcock, Leander, N. Y.	Clark, Lincoln, Iowa.	Giddings, J. R., O.
Bailey, D. J., Ga.	Cleveland, C. F., Ct.	Gilmore, Alfred, Pa.
Barrere, Nelson, O.	Clingman, T. L., N. C.	Goodenow, Robert, Me.
Bartlett, Thomas J., Vt.	Cobb, W. R. W., Ala.	Goodrich, John Z., Ms.
Bayly, Thos. H., Va.	Colcock, Wm. F., S. C.	Gorman, Willis A., Ind.
Beale, J. M. H., Va.	Conger, James L., Mich.	Green, Fred. E., O.
Bell, Hiram, O.	Cottman, J. S., Md.	Grey, Benj. E., Ky.
Bennett, Henry, N. Y.	Cullom, William, Tenn.	Grow, Galusha A., Pa.
Bernhisel, J. M., Ut. T.	Curtis, Carlton B., Pa.	Hall, Willard P., Mo.
Bibighaus, T. M., Pa.	Daniel, J. R. J., N. C.	Hamilton, Wm. T., Md.
Bissell, Wm. H., Ind.	Darby, John F., Mo.	Hammond, Edward, Md.
Bocock, Thos. S., Va.	Davis, Geo. T., Ms.	Harper, Alex., O.
Bowie, R. I., Md.	Davis, John G., Ind.	Harris, Isham G., Tenn.
Bowne, Obadiah, N. Y.	Dawson, John L., Pa.	Harris, S. W., Ala.
Boyd, John H., N. Y.	Dean, Gilbert, N. Y.	Hart, Emanuel B., N. Y.
Boyd, Linn, Ky.	Dimmick, M. M., Pa.	Hascall, Aug. P., N. Y.
Bragg, John, Ala.	Disney, D. T., O.	Haven, Sol. G., N. Y.
Breckenridge, J. C., Ky.	Dockery, Alfred, N. C.	Haws, J. H. Hobart, N. Y.
Brenton, Samuel, Ind.	Doty, James D., Wisc.	Hebard, William, Vt.
Briggs, George, N. Y.	Duncan, Jas. H., Mass.	Hendricks, T. A., Ind.
Brooks, James, N. Y.	Dunham, Cyrus L., Ind.	Henn, Bernhardt, Iowa.
Brown, A. G., Miss.	Durkee, Charles, Wisc.	Hibbard, Harry, Me.
Brown, George H., N. J.	Eastman, B. C., Wisc.	Hillyer, Junius, Ga.
Buell, Alex. H., N. Y.	Edgerton, Alfred P., O.	Holladay, A. R., Va.
Burrows, L., N. Y.	Edmundson, H. A., Va.	Horsford, Jerediah, N. Y.
Burt, Armistead, S. C.	Evans, Alexander, Md.	Houston, Geo. S., Ala.
Busby, George, O.	Ewing, Presley, Ky.	Howard, Volney E., Tex.
Cabell, E. C., Fl.	Faulkner, C. J., Va.	Howe, John W., Pa.
Cable, Joseph, O.	Ficklin, O. B., Ill.	Howe, Thos. M., Pa.

Howe, Thos. Y., Jr., N. Y.	Morehead, J. T., N. C.	Smith, Wm. R., Ala.
Hunter, William F., O.	Morison, J. A., Pa.	Snow, Wm. W., N. Y.
Ingersoll, Colin M., Ct.	Murphy, Charles, Ga.	Stanly, Edward, N. C.
Ives, Willard, N. Y.	Murray, William, N. Y.	Stanton, Benjamin, O.
Jackson, Jos. W., Ga.	Nabers, B. D., Miss.	Stanton, F. P., Tenn.
Jenkins, Timothy, N. Y.	Newton, Eben, O.	Stanton, R. C., Ky.
Johnson, A., Tenn.	Olds, Edson B., O.	Stephens, A. H., Ga.
Johnson, James, Ga.	Orr, James L., S. C.	Stevens, A. P., N. Y.
Johnson, John, O.	Outlaw, David, N. C.	Stevens, Thaddeus, Pa.
Johnson, R. W., Ark.	Parker, Andrew, Pa.	St. Martin, Louis, La.
Jones, Daniel T., N. Y.	Parker, Samuel W., Ind.	Stone, James W., Ky.
Jones, Geo. W., Tenn.	Peaslee, Chas. H., N. H.	Stratton, Nathan T., N. J.
Jones, J. Glancy, Pa.	Penn, Alex. G., La.	Strother, J. F., Va.
King, Geo. G., R. I.	Penniman, E. J., Mich.	Stuart, Charles, Mich.
King, Preston, N. Y.	Perkins, Jared, N. H.	Sutherland, Josiah, N. Y.
Kuhns, Joseph H., Pa.	Phelps, John S., Mo.	Sweetser, Charles, O.
Kurtz, Wm. H., Pa.	Polk, William H., Tenn.	Taylor, John L., O.
Landry, J. A., La.	Porter, Gilchrist, Me.	Thompson, Geo. W., Va.
Lane, Joseph, O. T.	Powell, Paulus, Va.	Thurston, Benj. B., R. I.
Letcher, John, Va.	Price, R. M., N. J.	Toombs, Robert, Ga.
Lockhart, James, Ind.	Reed, Isaac, Me.	Townshend, N. S., O.
Mace, Daniel, Mich.	Richardson, W. A., Ill.	Tuck, Amos, N. H.
Mann, Horace, Ms.	Riddle, Geo. R., Del.	Venable, A. W., N. C.
Marshall, E. C., Cal.	Robbins, John, Jr., Pa.	Walbridge, H. S., N. Y.
Marshall, H., Ky.	Robie, R., N. Y.	Wallace, Daniel, S. C.
Martin, Fred. S., N. Y.	Robinson, John L., Ind.	Walsh, T. Yates, Md.
Mason, John C., Ky.	Ross, Thomas, Pa.	Washburn, Isr'l, Jr., Me.
McCorkle, J. W., Cal.	Russell, Joseph, N. Y.	Watkins, A. G., Tenn.
McDonald, Moses, Me.	Sackett, Wm. A., N. Y.	Weightman, R. C., N. Mex. Ter.
McLanahan, J. X., Pa.	Savage, John H., Tenn.	
McMullen, F., Va.	Schermerhorn, A. M., [N. Y.]	Welch, John, O.
McNair, John, Pa.	Schoolcraft, J. L., N. Y.	Wells, John, N. Y.
McQueen, John, S. C.	Schoonmaker, M., N. Y.	White, Addison, Ky.
Meacham, James, Vt.	Scudder, Zeno, Ms.	White, Alexander, Ala.
Meade, R. K., Va.	Scurry, Richardson, Tex.	Wilcox, John A., Miss.
Miller, John G., Mo.	Seymour, D. L., N. Y.	Wildrick, Isaac, N. J.
Millson, John S., Va.	Seymour, O. S., Ct.	Williams, C. H., Tenn.
Miner, A. L., Vt.	Sibley, H. H., Min. T.	Wood, William T., Ky.
Molony, Richard S., Ill.	Skelton, Charles, N. J.	Woodward, J. A., S. C.
Moore, Henry D., Pa.	Smart, E. K., Me.	Yates, Richard, Ill.
Moore, John, La.		

## XXVI. RAILROADS IN THE UNITED STATES.

the following list of Railroads in Massachusetts and the adjacent States, and in New York, is very complete and accurate, being compiled from official returns made near January, 1852. But the remainder is quite imperfect, though more full than any thing which has been given before. We insert it in the hope that, by the kindness of our correspondents in the several States, and of the officers of the railroad companies, we may obtain materials for a far more perfect enumeration in our next volume.

## 1. Railroads in Massachusetts.

Name of Road.	Road comp. <sup>†</sup>	Length of Road, miles.	Total Capital paid in, \$	Total cost of Road & Equip- ment.	No. miles run in 1851.	No. miles run by Passenger Trains.	No. miles run by Freight Trains.	No. of Passen- gers carried.	Tons of merchandise carried.	Receipts from Pas- sengers in 1851.	Receipts from Freight in 1851.	Total In- come in 1851.	Total Ex- penses in 1851.	Divid- end for 1851, p. cent.	Divid- end since road com- menced,* p. cent.	Surplus on hand.
Berkshire,†	1841	21.20	600,000	600,000	45,134	22,812	24,369	56,128	20,855	174,241	226,054	409,153	368,030	8	131‡	83,513
Boston and Lowell,†	1835	25.77	1,830,000	1,945,616	250,558	162,120	70,333	569,784	249,408	408,816	192,573	633,065	305,068	7	89	85,032
Boston and Maine,	1843	74.25	4,064,299	4,060,452	461,556	340,863	87,292	1,449,421	156,700	236,730	133,422	377,807	177,776	3	110	123,952
Boston and Providence,	1835	41.00	3,160,000	2,840,443	252,927	184,180	68,747	611,020	121,320	236,730	133,422	377,807	177,776	3	110	123,952
Boston and Worcester,	1835	44.63	4,501,000	4,862,743	466,323	285,546	166,902	1,100,720	242,789	403,362	318,933	743,922	414,109	7	112§	84,330
Cape Cod Branch,	1848	27.80	421,950	633,677	62,809	34,806	17,403	71,539	32,968	36,472	18,533	56,736	30,998	8	24	12,188
Cheshire,	1849	53.65	2,777,844	2,777,844	186,007	81,728	35,482	97,278	78,308	101,658	110,020	222,896	159,352	8	37‡	78,701
Connecticut River,	1846	50.00	1,591,110	1,801,592	156,435	113,115	35,348	293,706	64,215	111,861	76,679	199,805	115,148	8	37‡	78,701
Eastern,†	1840	54.11	2,850,000	3,120,392	318,000	229,994	34,330	993,256	61,952	372,167	60,106	502,055	224,599	8	91‡	22,253
Essex,	1848	19.86	255,177	602,136	50,473	41,816	6,497	90,726	17,667	133,394	20,396	39,960	32,439	7	7	7,521
Fall River,	1846	42.24	1,050,000	1,050,000	140,499	86,767	52,864	285,756	74,999	133,394	20,396	39,960	32,439	7	7	7,521
Fitchburg,§	1845	50.93	3,540,000	3,612,487	371,899	244,627	120,752	1,261,159	313,713	240,714	250,258	516,013	310,377	7‡	59	141,965
Fitchburg and Worcester,	1850	13.99	205,674	305,409	32,142	25,336	6,306	52,545	17,371	16,086	11,863	29,355	19,815	8	126‡	9,539
Lowell and Lawrence,	1848	12.35	200,000	313,467	32,155	31,600	625	88,288	17,640	26,646	6,310	36,311	28,152	9	8	17,035
Nashua and Lowell,	1838	14.58	600,000	681,215	64,643	33,431	25,486	223,838	198,136	47,363	60,564	117,017	65,445	9	81	116,713
New Bedford and Taunton,	1840	20.13	400,000	510,263	48,832	34,388	13,125	123,602	38,635	104,212	59,010	173,450	120,144	8	81	116,713
Norfolk County,	1849	25.97	455,015	1,213,452	63,374	48,504	14,872	58,025	22,367	27,692	22,836	60,086	37,560	9	81	116,713
Norfolk and Worcester,††	1839	66.00	1,914,050	2,585,104	255,850	138,524	81,450	170,112	69,680	117,696	137,675	272,049	138,451	4	5‡	57,891
Old Colony,	1845	37.25	1,964,010	2,293,535	225,851	157,061	316,368	630,559	88,342	208,682	63,174	318,076	240,924	2	22	50,536
Pittsfield & North Adams,	1846	18.65	450,000	443,675	25,412	101,230	29,340	356,943	19,454	17,132	19,453	37,514	16,012	6	12	115,931
Providence & Worcester,	1847	43.41	1,457,500	1,820,065	132,724	101,230	29,340	356,943	19,454	17,132	19,453	37,514	16,012	6	12	115,931
Salem and Lowell,	1850	16.88	343,315	343,321	40,444	32,724	7,720	31,260	25,538	14,138	23,503	33,640	32,107	8	100‡	38,976
Taunton Branch,	1836	11.10	250,000	307,136	28,040	19,602	7,348	126,400	40,094	47,843	51,262	131,293	104,291	8	100‡	38,976
Vermont & Massachusetts,§	1849	69.00	2,250,353	3,450,000	127,972	78,721	40,776	138,381	93,863	73,581	85,059	180,618	100,141	8	100‡	38,976
Western,**	1842	156.00	5,150,000	9,953,759	74,009	270,926	459,323	479,905	250,766	603,207	714,363	1,352,595	597,756	8	64	198,122
Worcester and Nashua,††	1845	45.69	1,039,892	1,309,564	127,789	87,753	37,385	186,301	73,901	85,208	62,443	153,792	98,511	4‡	64	2,904
Total,		1056.45	41,923,459	53,467,286												

\* The cars began to run on sections of the various roads as they were finished, and dividends were declared, in some cases, before the road was completed.

† Leased to the Housatonic Road at seven per cent. net on the capital of \$600,000.

‡ This includes Eastern Railroad in New Hampshire. Length 16 miles. Capital paid in \$492,500; cost \$493,082.

§ For 11 months only.

\*\* This includes the Albany and W. Stockbridge Railroad, from Albany to the State line. Length 38.25 miles; cost \$1,830,895, and leased by the Western Railroad.

†† 6.62 miles in New Hampshire.

The following roads are also completed : —

Name.	Length Miles.	When completed.	Cost.	Expenses in 1851.	Receipts in 1851.
Dorchester and Milton, . .	3.25	1847	\$136,372	Leased to Old Col. R. 1847.	
Grand Junction, . . . .	6.49	1851	919,397	\$ 595	\$ 803
Harvard Branch (to Cambridge)	0.69	1849	25,701	Worked by Fitch. Railr.	
Housatonic Branch, . . . .	11.00				
Lexington and W. Cambridge,	6.63	1846	240,387	Leased to Fitchburg Railr.	
Newburyport (to Georgetown),	14.58	1851	200,000		
South Reading Branch, . . .	8.15	1850	293,760	\$ 29,822	\$ 42,236
South Shore, . . . . .	11.50	1849	427,639	Leased by Old Colony Railr.	
Stockbridge and Pittsfield, . .	21.93	1849	448,700	Leased to Housatonic Railr.	
Stony Brook (N. Chelmsford to Groton), . . . . .	13.16	1848	265,762	Leased to Nashua & Lowell Railroad at 6 per cent.	
Stoughton Branch, . . . .	4.04	1845	93,433	Operat. by Boston & Prov. R.	
West Stockbridge, . . . .	2.75	1837	41,516	Leased to Berkshire R. Cor.	
Total, . . . . .	104.17		\$ 3,092,697		

The Woburn Branch, 2 miles long, belongs to the Lowell road ; the Medford Branch, 2 miles, the Methuen Branch, 3 miles, and the Great Falls Branch (in New Hampshire), 3 miles, to the Maine ; the West Roxbury and Dedham Branch, 5.35 miles, and the Pawtucket Branch, 4.2 miles, to the Providence ; the Brookline Branch, 1.6 miles, the Newton Lower Falls Branch, 2.5 miles, the Saxonville Branch, 4 miles, the Millbury Branch, 3.2 miles, and the Milford Branch, 12 miles, to the Worcester ; the Marblehead Branch, 3 miles, the Gloucester Branch, 13.5 miles, and the Salisbury Branch, 3.4 miles, to the Eastern ; the Fresh Pond and Watertown Branch, 6.75 miles, and the Lancaster and Sterling Branch, 9 miles of which are completed, to the Fitchburg. The Worcester Branch road is half a mile in length, the Bridgewater Branch, 6.5 miles, the Chicopee Branch, 3 miles, the Charles River Branch, 8.10 miles, and the Granite (in Quincy) road, 3 miles. Including these, the total length of what may be called the Massachusetts roads, is 1,260.22 miles. Besides these, there are roads in process of construction, leading from the main lines in Massachusetts into other States. During the session of 1846, the Massachusetts legislature chartered eighteen roads and branches, with an aggregate capital of \$ 5,795,000 ; during the session of 1847, sixteen, with an aggregate capital of \$ 4,822,000 ; during the session of 1848, nineteen, with an aggregate capital of \$ 7,105,000, and the capital stock of the railroads already in operation was increased \$ 3,945,000 ; during the session of 1849, fourteen, with an aggregate capital of \$ 2,470,000, and the capital stock of the railroads in operation was increased \$ 1,150,000 ; during the session of 1850, three roads or branches, with an aggregate capital of \$ 740,000, and the capital stock of the roads in operation was increased \$ 925,000 ; during the session of 1851, eleven roads or branches, with a capital stock of \$ 3,320,000, and the capital stock of the roads in operation was increased \$ 1,515,000 ; and during the session of 1852, eleven roads or branches, with a capital stock of \$ 2,145,000, and the capital stock of the roads in operation, or chartered, was increased \$ 2,240,000.

By the returns on the Massachusetts roads, it appears that there were during the year, 68 casualties, by which persons were killed, or injured so that they died therefrom, and 32 casualties which did not prove fatal. Of the 68 persons killed, 24 were employees of the road. 43 were persons walking or sleeping on the track, or attempting to cross it while the trains were approaching. One person was killed in attempting to get on the cars, after they were in motion. Of the 32 not fatal casualties, 6 befell employees of the roads ; 19, persons carelessly on or about the track ; and 7, passengers. These seven passengers were injured in attempting to jump from the cars while in motion, except one, a lady, who was injured by the breaking of a seat in a car caused by some accident. More than 9,000,000 passengers were carried over the roads during that period.



### 2. Other Completed Railroads in New England, September, 1852.

State.	Name of Road.	Length.	Cost.	Receipts in 1851.	Expenses in 1851.
		Miles.			
Maine, . .	Androscoggin,	25.00			
"	Androscoggin and Kennebec, . .	55.00			
"	Bangor and Piscataquis, . .	11.75	350,000		
"	Buckfield Branch (Atl. & St. Law. R.)	13.00			
"	Calais and Baring, . .	6.00			
"	Kennebec, Bath, and Portland,	72.50	2,000,000	119,565	
"	Bath Branch (from Brunswick), . .	9.00			
"	Portland, Saco, and Portsmouth,	52.00	1,300,000	201,265	108,175
N. Hampshire,	Eastern R. in New Hampshire, . .	16.80		493,082	
"	Concord (Nashua to Concord), . .	34.50	1,400,000	337,694	170,062
"	Ashuelot (S. Vernon, Ms. to Keene),	23.50			
"	Northern (Concord to W. Riv. Junct.),	69.00	2,768,400	292,782	138,969
"	Bristol Branch (Franklin to Bristol),	13.00			
"	Manchester and Lawrence,*	23.50	815,000		
"	Portsmouth and Concord, . .	47.00			
"	Sullivan (B. Falls to Windsor, Vt.),	25.50			
"	Wilton (Nashville to Wilton), . .	15.00			
Vermont, . .	Rutland (B. Falls to Burlington),	120.00			
"	Vt. Valley (Brattleboro to B. Falls),	24.00	1,000,000		
"	Vt. Central (Windsor to Burlington),	115.00			
"	Vt. & Canada (Burlington to Rouse's Pt.)	43.00			
"	Rutland & Washington (Rutland to Eagle Bridge, where it connects with the Troy and Boston Road),	61.00			
"	Western Vt. (Rutland to N. Ben- nington, where it connects with the Troy and Boston Road), . .	53.00	1,100,000		
"	Troy and Boston (Troy to North Bennington), . .	32.00			
Rhode Island,	Providence and Stonington, . .	50.00	1,508,000	214,976	176,995
Connecticut,	Hartford and Springfield, . .	26.00			
"	Hartford and New Haven, . .	36.00			
"	New Haven and New York (to in- tersection with Harlem R.), . .	62.50	4,200,000	740,181	433,270
"	New Haven and New London, . .	50.00			
"	New London, Willimantic, & Palmer,	66.00	1,450,000	168,400	86,900
"	Middletown (Middletown to Berlin),	10.00			
"	Housatonic (Bridgeport to Pittsfield),	110.00	2,500,000	329,041	160,139
"	Danbury and Norwalk, . .	23.00			
Total, . .		1,393.55			

### 3. Principal Lines of Railroad in Process of Construction in New England, on the 1st of September, 1852.

#### Name.

- Atlantic and St. Lawrence, From Portland to the Canada line, which it strikes at the town of Canaan, Vt., where it connects with the St. Lawrence and Atlantic Railroad, which is open from Montreal to Richmond, 71 miles. Whole length, 156 miles. Open to Northumberland, N. H., 122 miles. Branch from Mechanics' Falls to Buckfield; length, 18 miles. The whole of the road to the State line is under contract.
- York and Cumberland, From Great Falls, N. H., to Portland. Length, about 50 miles. Open from Portland to Gorham, Me., 10.75 miles.
- Boston, Concord, and Montreal, From Concord, N. H., via Haverhill, to a point of intersection with some one of the Montreal roads. Length, about 109 miles. Open to Warren, 71 miles.
- Concord and Claremont, From Concord, N. H., to Claremont, where it intersects the Sullivan road. Length, 50 miles. Open to Bradford, 25 miles.

\* Worked by Concord road.

- Centroseek Valley,** . . . Open from Centroseekville, on the Concord and Claremont road, to Hillsboro' Bridge, 14 miles.
- New Hampshire Central,** . . . From Manchester to its junction with the Concord and Claremont road in Bradford. Open to Henniker, 26 miles.
- Cocheco,** . . . . . From Dover, N. H., to Haverhill. Open to Alton Bay, 28 miles.
- Great Falls and Conway,** . . . From Great Falls, N. H., via Rochester, to Conway. Open to Milton, 12.5 miles.
- Troy and Greenfield,** . . . From Greenfield, Mass., to Troy, N. Y.
- Peterboro' and Shriley,** . . . From Groton, Mass., where it leaves the Fitchburg road, to Peterboro', N. H. Length, 80 miles. Open to Mason Village, nearly 28 miles. The road is worked by the Fitchburg Railroad.
- Connecticut and Passumpsic River,** . . . From the mouth of White River, at Hartford, Vt., up the west bank of the Connecticut to the State line at Canaan, where it will connect with the St. Lawrence and Atlantic road. Length, 114 miles. Open to St. Johnsbury, Vt., 61 miles.
- Canal,** . . . . . From New Haven to Springfield. Open to Traiffville, 45 miles. There is a branch now open, from Farmington to Collinsville, 7.50 miles in length.
- Naugatuck,** . . . . . Open from Bridgeport, Conn., to Winsted, 62 miles.
- Providence, Hartford, and Fishkill,** . . . Open from Bristol, Conn., to Willimantic, 50 miles.

**4. New York Railroads in Operation throughout their entire Length, 30th September, 1851.**

Name of Road.	Length.	Cost of Construction.	Total No. of Miles run.	Income from Passengers.	Income from Freight, &c.	Expenses.	Dividends.
	Miles.	\$		\$	\$	\$	\$
*Albany & Schenectady,	17.00	1,740,450	100,835	146,650	93,198	92,688	70,000
Albany & W. Stockbridge,	38.25	1,980,895	199,461	Leased to Western Railroad.			
Buffalo & Niagara Falls,	22.00	440,249	31,334	83,677	7,066	30,549	21,715
Buffalo and Rochester,	76.00	2,228,976	261,139	366,246	102,948	133,634	91,489
Canandaigua & Corning,	46.75	883,304	3,622	3,160		1,911	
Cayuga & Susquehannah,	35.00	617,313	62,560	20,698	55,122	34,007	
Chemung, . . . . .	17.25	490,000	Leased to New York & Erie Railroad.				36,000
Hudson River, . . . . .	144.00	9,305,551	277,164	361,654	43,896	336,225	
Hudson and Berkshire,	31.50	823,331	60,000	19,194	37,055	30,403	
Long Island, . . . . .	95.00	2,339,939	226,140	132,299	61,017	24,086	
New York and Erie, . . .	464.00	24,028,858	1,459,200	1,163,536	1,108,138	1,073,118	346,859
†New York & N. Haven,	13.50	737,840	411,217	595,501	133,006	354,276	174,930
Northern (Ogdensburg),	118.00	4,299,089	237,655	83,561	207,608	126,532	
Oswego and Syracuse,	35.00	588,678	72,360	57,711	35,705	45,163	12,250
Rensselaer and Saratoga,	25.00	723,565	88,837	134,299	55,095	79,884	39,300
*Rochester & Syracuse,	104.00	4,861,362	477,360	690,949	259,664	320,976	370,689
Saratoga & Schenectady,	22.00	462,131	Leased to the Rensselaer & Saratoga Railroad.				
Saratoga & Washington,	52.00	1,452,635	97,397	131,094	33,790	82,870	53,172
Schenectady and Troy,	20.50	681,047	58,836	28,652	17,595	56,268	
*Syracuse and Utica,	53.00	2,570,952	227,279	371,936	156,322	212,009	239,435
Troy and Greenbush,	6.00	294,731	56,512	34,093	26,459	52,332	
*Utica and Schenectady,	78.00	3,971,156	379,708	560,524	296,095	281,303	112,400
<b>Total, . . . . .</b>	<b>1,513.75</b>	<b>66,472,082</b>					

\* Double track. These roads, with the Buffalo and Rochester, form the line between Albany and Buffalo.

† Estimated.

! Partly in Vermont (to Castleton).

Most of the following railroads in New York are completed. The portions of the incomplete roads that have been opened are given.

Name.	Length.	Cost.	Receipts in 1851.	Expenses in 1851.
New York and Harlem, . . . . .	153.00			
Watertown and Rome, . . . . .	97.00			
Buffalo and State Line, . . . . .	69.00			
Rochester, Lockport, and Niagara Falls, . . . . .	76.00			
Buffalo and New York City (from Hornelsville on the Erie, to Attica on the Buffalo and Rochester), . . . . .	60.00			
Canandaigua and Elmira (Elmira on the Erie Road), . . . . .	67.00			
Buffalo, Corning, and New York (open from Corning to Wayland), whole length, 134 miles, . . . . .	45.00			
Plattsburg and Montreal, . . . . .	52.50			
Total, . . . . .	619.50			

### 5. Other Railroads in the United States.

State.	Name.	Miles in Length.	Cost.	Gross Receipts in 1851.	Expenses in 1851.
N. J.	Burlington and Mt. Holly Branch, . . . . .	6	\$	\$	\$
"	Camden and Amboy, . . . . .	65			
"	Trenton Branch (Bordentown to Trenton), . . . . .	64	3,200,000	1,285,404	767,357
"	New Brunswick Branch, . . . . .	29			
"	Camden and Woodbury, . . . . .	9			
"	Belvidere & Delaware (open to Lambertville), . . . . .	15			
"	New Jersey Central (Eliz. Pt. to Easton), Pa., . . . . .	78	2,750,000	153,853	81,516
"	Morris and Essex (Newark to Dover), . . . . .	44			
"	Paterson (Jersey City to Paterson), . . . . .	16			
"	Ramapo & Paterson (conn. at R. with Erie R.), . . . . .	17			
"	New Jersey (Jersey City to N. Brunswick), . . . . .	31	2,000,000		
Penn.	Philadelphia and Trenton, . . . . .	30	500,000		
"	Philadelphia, Germantown, and Norristown, . . . . .	17	550,000	153,000	139,000
"	Germantown Branch, . . . . .	6			444,714
"	Philadelphia, Wilmington, and Baltimore, . . . . .	99		640,435	1,188,000
"	Philadelphia and Reading (to Pottsville), . . . . .	93	17,078,000	2,341,000	362,995
"	Philadelphia and Columbia, . . . . .	82	4,204,969	638,447	
"	Columbia Branch (Columbia to Harrisburg), . . . . .	28			
"	Philadelphia City, . . . . .	6			
"	Portage (Hollidaysburg and Johnstown), . . . . .	36½	1,783,000	241,817	
"	Valley (Norristown to Columbia), . . . . .	20½			
"	West Chester (to Phil. & Columbia Railroad), . . . . .	11	21,558		
"	Pennsylvania (Harrisburg to Pittsburg), . . . . .	246			46,260
"	Cumberland Vall. (Chambers'g to Harris'g), . . . . .	56	1,187,749	92,755	
"	Franklin (Chambersburg to Hagerstown), . . . . .	22			
"	York and Wrightsville, . . . . .	13	200,000		
"	Strasburg (Cumb. Vall. R. to Strasburg), . . . . .	7			
"	Little Schuylkill (Port Clinton to Tamaqua), . . . . .	20	1,800,000		
"	Danville and Pottsville, . . . . .	44½			
"	Little Schuylkill and Susquehannah, op. 20 m., . . . . .	106			
"	Williamsport and Elmira (N. Y.), open 25 m., . . . . .	77½			
"	Blossburg and Corning (N. Y.), . . . . .	40	600,000		
"	Ohio and Pa. (Pittsburg to Wooster), . . . . .	133	3,378,000		
"	Mt. Carbon, . . . . .	7½	180,099	19,476	4,137
"	Schuylkill Valley and Branches, . . . . .	25	437,600	51,896	16,844
"	Schuylkill (Schuylkill to Valley R.), . . . . .	13			
"	Mill Creek (Port Carbon to coal-mine), . . . . .	9	237,384	43,578	13,172
"	Minehill (Schuylkill Haven to Tremont), . . . . .	12	800,000	212,185	79,342
"	Mauch Chunk and Branches (to mines), . . . . .	25	100,000		
"	Room Run (Mauch Chunk to coal-mine), . . . . .	5½			
"	Beaver Meadow (Parryville to mine), . . . . .	26	150,000		
"	Beaver Meadow Branch, . . . . .	12			
"	Hazleton and Lehigh, . . . . .	10			
"	Nesquehoning (to Lehigh River), . . . . .	5			
"	Lehigh and Susquehannah, . . . . .	20	1,250,000		

State.	Name.	Miles in Length.	Cost.	Gross Receipts in 1861.	Expenses in 1861.
Penn.	Carlondale and Honesdale, . . . . .	21	\$	\$	\$
"	Lyken's Valley (Broad Mt. to Millersburg),	16½	230,980	.	.
"	Pine Grove, . . . . .	4	.	.	.
Del.	Newcastle and Frenchtown, . . . . .	17	800,000	.	.
Md.	Baltimore and Ohio (to Fairmont, Va.), .	298	16,000,000	1,325,563	710,179
"	Frederick Branch, from Monocacy, . . .	3	.	.	.
"	Washington Branch, . . . . .	31	1,650,000	348,622	132,365
"	Baltimore & Susquehannah (to Columb., Pa.)	57	3,370,232	234,596	186,667
"	Westminster Branch, . . . . .	10	.	.	.
"	Annapolis and Elk Ridge, . . . . .	21	400,000	.	.
Va.	Richmond, Fredericksburg, & Potomac,*	76½	1,509,271	237,963	108,323
"	Richmond and Petersburg, . . . . .	22½	875,405	.	.
"	Richmond & Danville (Richm. to Merherrin),	65	777,758	.	.
"	Petersburg (to Weldon, N. C.), . . . . .	63	939,167	211,129	114,949
"	Central (Richmond to Woodville), . . . .	104	.	.	.
"	Chesterfield (Richmond to coal-mines), .	12	150,000	.	.
"	Appomattox (City Point to Petersburg), .	10	196,566	.	.
"	Winchester and Potomac, . . . . .	32	409,415	96,662	.
"	Seaboard & Roanoke (Ports., Va., to Weldon),	80	.	.	.
"	Greenville & Roanoke (Hicksford to Gaston),	21	200,000	37,461	22,529
"	Orange and Alexandria, . . . . .	30	.	.	.
N. C.	Gaston and Raleigh, . . . . .	57	1,600,000	.	.
"	Wilmington and Weldon, . . . . .	162	2,500,000	422,225	274,764
"	Wilmington and Manchester, . . . . .	162	.	.	.
"	King's Mountain (S. Caro. R. to Yorkville),	32	.	.	.
S. C.	South Carolina (Charleston to Hamburg),	136	.	.	.
"	Columbia Branch (Branchville to Columbia),	68	5,943,678	.	.
"	Camden Br. (from Col. Br. road to Camden),	37	.	.	.
"	Charlotte and S. Carolina (Col. to Ebenezer),	78	1,250,000	.	.
"	Greenville and Columbia (now open), . .	94	.	.	.
Ga.	Central (Savannah to Macon), . . . . .	192	4,000,000	725,199	386,932
"	Macon and Western (Macon to Atlanta), .	101	630,000	206,666	108,234
"	Georgia (Augusta to Atlanta), . . . . .	171	.	.	.
"	Athens Branch, . . . . .	40	4,000,000	795,811	355,508
"	Branch (Camak to Warrenton), . . . . .	4	.	.	.
"	Western & Atlantic (Atlanta to Chattanooga),	140	.	.	.
"	Rome (to Kingston on the W. and At. Railr.),	20	.	.	.
"	Memphis Branch (from W. & A. road to Rome),	18	.	.	.
"	Southwestern (Macon to Oglethorpe), . .	50	.	.	.
"	Atlanta and West Point, open for . . . .	30	.	.	.
"	Muscogee, Fort Valley to Columbia, open for	30	.	.	.
"	Augusta and Waynesboro', . . . . .	21	.	.	.
"	Milledgeville and Gordon, . . . . .	17	.	.	.
Fa.	Tallahassee and St. Marks, . . . . .	26	130,000	.	.
"	St. Joseph (St. Joseph to Joia), . . . . .	28	.	.	.
Ala.	Lagrange (Atlanta to West Point), . . . .	87	.	.	.
"	Montgomery and West Point, . . . . .	88	1,286,208	140,057	67,148
"	Tuecumbia and Decatur, . . . . .	46	.	.	.
"	Mobile and Ohio (open from Mobile), . .	33	.	.	.
Miss.	Vicksburg, Jackson, and Brandon, . . . .	60	500,000	.	.
"	Mississippi (Natchez and Malcolm), . . .	30	.	.	.
"	St. Francisville and Woodville, . . . . .	28	.	.	.
La.	Clinton and Port Hudson, . . . . .	24	.	.	.
"	Mexican Gulf (N. Orleans to Proctorsville),	27	.	.	.
"	West Feliciana (Woodville to Bayou Sara),	26	.	.	.
"	Ponchartrain (N. Orleans to Lake Ponch.),	6	.	.	.
"	Carrollton (New Orleans to Carrollton), .	8	.	.	.
"	Alexandria (Alex. towards Cheneyville), .	25	.	.	.
Tenn.	Memphis and Lagrange, . . . . .	33	.	.	.
"	East Tennessee & Georgia (Dalt. to Loudon),	82	.	.	.
"	Nashville and Chattanooga, . . . . .	151	.	.	.
Ky.	Lexington and Frankfort, . . . . .	28	551,226	66,613	31,227
"	Louisville and Frankfort, . . . . .	65	.	40,263	22,730
Ohio.	Ohio and Pennsylvania. (See Pennsylvania.)	.	.	.	.
"	Little Miami (Springfield to Cincinnati),	84	.	407,816	190,359
"	Mad River and Lake Erie, . . . . .	135	.	290,373	117,871
"	Findlay Branch (from Carey), . . . . .	16	.	.	.
"	Sandusky and Mansfield, . . . . .	57	1,600,000	110,790	51,699
"	Iron (Ironton to Law Furnace), . . . . .	10	.	.	.

\* Acquia Creek to Richmond. From Washington to Acquia Creek is by steam

State.	Name.	Miles in Length.	Cost.	Gross Receipts in 1851.	Expen- ses in 1851.
Ohio.	Columbus and Lake Erie (from Mansfield to Newark), . . . . .	60	. . . .	\$	\$
"	Cleveland, Columbus, and Cincinnati, . .	135	. . . .	. . . .	. . . .
"	Columbus and Xenia, . . . . .	64½	663,999	66,365	28,916
"	Dayton and Springfield Branch, . . . . .	24	. . . .	. . . .	. . . .
"	Cleveland and Pittsburg (open to Wellsville),	100	. . . .	. . . .	. . . .
"	Akron Branch, . . . . .	13	. . . .	. . . .	. . . .
"	Cincinnati, Hamilton, and Dayton, . . . .	60	. . . .	. . . .	. . . .
"	Central Ohio (Zanesville to Columbus), . .	102	. . . .	. . . .	. . . .
"	Dayton and Greenville, . . . . .	35	. . . .	. . . .	. . . .
"	Dayton & Western (open to Ind. State line),	36	. . . .	. . . .	. . . .
"	Cincinnati and Hillsboro', . . . . .	37	. . . .	. . . .	. . . .
Ind.	Madison and Indianapolis, . . . . .	86	2,000,000	386,067	185,081
"	Lafayette and Indianapolis, . . . . .	62	. . . .	. . . .	. . . .
"	Terre Haute & Richmond (to Indianapolis),	73	1,100,000	. . . .	. . . .
"	Shelbyville Br. (Edinburgh to Shelbyville),	16	. . . .	. . . .	. . . .
"	New Albany and Salem (open to Juliet),	65	. . . .	. . . .	. . . .
"	Peru & Indianapolis (open fr. Ind. to Noblevil.)	22	128,446	11,451	. . . .
"	Indianapolis & Bellefontaine (open to Union),	83	850,000	. . . .	. . . .
"	Shelbyville and Knightstown, . . . . .	25	. . . .	. . . .	. . . .
"	Rushville and Shelbyville, . . . . .	18	. . . .	. . . .	. . . .
"	Crawfordsville and Lafayette, . . . . .	26	. . . .	. . . .	. . . .
"	Evansville and Terre Haute, . . . . .	27	. . . .	. . . .	. . . .
"	Martinsville and Franklin, . . . . .	25	. . . .	. . . .	. . . .
"	Jeffersonville and Columbus, . . . . .	66	. . . .	. . . .	. . . .
Ill.	Galena & Chicago Union (Chicago to Rockf'd),	92	. . . .	. . . .	. . . .
"	Evansville and Illinois, . . . . .	27	. . . .	. . . .	. . . .
"	St. Charles Branch, . . . . .	8	. . . .	. . . .	. . . .
"	Aurora Branch, . . . . .	13	. . . .	. . . .	. . . .
"	Sangamon & Morgan (Springfield to Naples),	54	. . . .	. . . .	. . . .
"	Alton and Sangamon, . . . . .	. . . .	. . . .	. . . .	. . . .
Mich.	Central (Detroit to Chicago), . . . . .	78	. . . .	1,069,948	470,931
"	Mich. Southern & N. Ind. (Monroe to Chicago),	247	. . . .	. . . .	. . . .
"	Tecumseh Branch, . . . . .	10	. . . .	. . . .	. . . .
"	Detroit and Pontiac, . . . . .	25	. . . .	. . . .	. . . .
"	Erie and Kalamazoo (Adrian and Toledo),	33	. . . .	. . . .	. . . .
"	Milwaukee & Mississippi (Milw. to Palmyra),	43	. . . .	. . . .	. . . .
	Total out of New England and New York,	7,447.50			
	Grand total in the United States, . . . .	12,806.27			

# INDIVIDUAL STATES.

## I. MAINE.

*Government for the Year ending the 1st Wednesday in January, 1853.*

			Salary.
JOHN HUBBARD,	of Hallowell,	Governor (term expires on	
the first Wednesday in January, 1853),			\$1,500
John G. Sawyer,	of Augusta,	Secretary of State,	900
Samuel Cony,	of Augusta,	Treasurer,	900
Albert Tracy,	of Bangor,	Adjutant-General,	200
Anson P. Morrill,	of Readfield,	Land Agent,	1,000
William Bennett,	of Ellsworth,	Warden of State Prison,	700
Henry M. Harlow,	of Augusta,	Sup't of Insane Hospital,	800
John Hodgdon,	of Houlton,	} Bank Commissioners.	
Moses Sherburne,	of Phillips,		
Noah Prince,	of Paris,	President of the Senate,	\$4 per day.
Albert H. Small,	of Newry,	Secretary of the Senate.	
George P. Sewall,	of Oldtown,	Speaker of the House,	4 " "
Edmund W. Flagg,	of East Corinth,	Clerk of the House.	
Leander Valentine,	of Westbrook,	} Councillors.	
John Babson,	of Wiscasset,		
Robinson Palmer,	of Perry,		
Simeon Strout,	of Limington,		
Samuel F. Hersey,	of Bangor,		
Adams Treat,	of Frankfort,		
Darius Howard,	of Phillips,		

## JUDICIARY.

### *Supreme Judicial Court.*

Ether Shepley,	of Portland,	Chief Justice,	\$1,800
John S. Tenney,	of Norridgewock,	Justice,	1,800
Samuel Wells,	of Portland,	"	1,800
Joseph Howard,	of Portland,	"	1,800
John Appleton,	of Bangor,	"	1,800
Richard D. Rice,	of Augusta,	"	1,800
Joshua W. Hathaway,	of Bangor,	"	1,800
Henry Tallman,	of Bath,	Attorney-General,	1,000
Asa Redington,	of Augusta,	Reporter,	1,000

By an act of the last Legislature an important change was made in the Ju-

diciary of this State. The District Courts, which took the place of old Courts of Common Pleas, were abolished; and all their jurisdiction transferred to the Supreme Judicial Court, to which bench three additional judges were authorized by the above act.

The State is now divided into three Judicial Districts, denominated the *Western, Middle, and Eastern Districts*; and for the purpose of hearing and determining questions of law and equity, the terms are held for these districts, instead of being held, as heretofore, in the several counties. These terms are held annually in Portland for the Western, in Augusta for the Middle, and in Bangor for the Eastern District. The other cases are tried, as heretofore, in the several counties where they are commenced.

#### *Municipal and Police Courts.*

Luther Fitch, of Portland; Jacob Smith, of Bath; Spencer A. Pratt, of Bangor; Benj. A. G. Fuller, of Augusta; William Palmer, of Gardiner; Solyman Heath, of Belfast; George W. Dyer, of Calais; John C. Cochran, of Rockland; and John Rogers, of Brunswick, are Judges in these places respectively. Some are paid by salaries, others by fees.

#### *Probate Courts.*

Counties.	Judges.	Residences.	Sal- ary.	Registrars.	Residences.	Sal- ary.
York,	Wm. C. Allen,	Alfred,	\$ 400	Joshua Herrick,	Alfred,	\$ 620
Cumberland,	Josiah Peirce,	Gorham,	500	F. Bradford,	Portland,	908
Lincoln,	Arnold Blaney,	Bristol,	500	Edwin S. Hovey,	Thomaston,	650
Hancock,	Parker Tuck,	Sedgwick,	300	Warren King,	Trenton,	350
Washington,	J. C. Talbot,	E. Machias,	300	Albert G. Lane,	Machias,	400
Kennebec,	Daniel Williams,	Augusta,	450	Wm. R. Smith,	Augusta,	700
Oxford,	Timothy Ludden,	Turner,	225	Geo. K. Shaw,	Paris,	400
Somerset,	David White,	Skowhegan,	250	Albert Moor,	N. Anson,	300
Penobscot,	E. G. Rawson,	Bangor,	350	Jas. F. Rawson,	Bangor,	550
Waldo,	Joseph Miller,	Lincolnville,	200	Charles Palmer,	Belfast,	300
Franklin,	Samuel Belcher,	Farmington,	200	Jos. A. Linscott,	Phillips,	150
Piscataquis,	Ephraim Packard,	Blanchard,	135	Sherb. W. Elliot,	Dover,	125
Aroostook,	Joel Wellington,	Monticello,	180	Theodore Cary,	Houlton,	165

#### *Clerks of the Judicial Courts.*

Counties.	Shire towns.	Clerks.	Counties.	Shire towns.	Clerks.
York,	Alfred,	James O. McIntire.	Somerset,	Norridgew'k,	L. Kidder.
Cumberland,	Portland,	C. C. Harmon.	Penobscot,	Bangor,	W. T. Hilliard.
Lincoln,	Wiscasset,	E. B. Bowman.	Waldo,	Belfast,	N. Patterson.
Hancock,	Ellsworth,	A. L. Perry.	Franklin,	Farmington,	G. W. Whitney.
Washington,	Machias,	Albert Pillsbury.	Piscataquis,	Dover,	E. Flint.
Kennebec,	Augusta,	Wm. M. Stratton.	Aroostook,	Houlton,	E. L. Staples.
Oxford,	Paris,	Wm. K. Kimball.			

#### FINANCES.\*

[Extracted from the Report of the State Treasurer.]

Amount of receipts from May 1, 1850, to April 30, 1851, inclusive,	\$ 426,196.30
Balance of cash in the Treasury, May 1, 1850, . . . . .	125,924.07
	552,120.37
Amount of expenditures from May 1, 1850, to April 30, 1851, inclusive,	507,450.30
Leaving a balance in the Treasury, May 1, 1851, of . . . . .	44,670.07
	552,120.37

\* There have been no new reports made since the Almanac for 1852 was published; the time for the meeting of the Legislature having been extended to January, 1853.

*Principal Items of Expenditure.*

Pay of the Legislature, . . .	\$ 47,976.00	Board of Education, . . .	229 00
Pay roll of Council, . . .	3,554.00	Penobscot Indians' fund, . . .	4,000.00
Contingent fund of Executive, . . .	6,163.22	Indian annuities, . . .	1,500.00
Salaries, . . .	24,557.32	Agricultural products to Indians, . . .	232.55
Clerks in public offices, . . .	3,704.50	State roads and bridges, . . .	6,750.00
Valuation clerks, . . .	2,370.00	Militia pensions, . . .	1,837.00
Roll of accounts, . . .	15,238.54	Maine Reports, . . .	1,729.00
Printing, binding, and stationery, . . .	4,500.00	Agricultural Societies, . . .	2,219.31
Costs in criminal prosecutions, . . .	26,887.00	Survey of European & N. American R. . .	5,000.00
Officers of the State Prison, . . .	5,000.00	Furniture and repairs, . . .	2,100.00
Insane Hospital, . . .	602.00	Contingent fund of Treasurer, . . .	1,000.00
Deaf, dumb, and blind, . . .	5,126.95	State Prison, . . .	1,000.00
State Reform School, . . .	3,000.00	Public debt paid, . . .	228,350.00
School fund, No. 17, . . .	31,610.36	Interest on public debt, . . .	62,079.42
Teachers' Institutes, . . .	2,600.00		

*Chief Sources of Income.*

Direct taxes, . . .	207,575.00	Duties on commissions, . . .	1,850.00
Land Office, . . .	137,341.60	Bank dividends, . . .	800.00
Permanent school fund, . . .	2,707.74	U. S. stock and premium, . . .	21,850.00
School fund, No. 18, . . .	28,440.00	Interest on U. S. loan, . . .	600.00

The resources of the State, consisting principally of direct taxes and income from the Land-Office, are estimated at \$ 688,692.41.

*Common Schools.*—The Board of Education, and the office of Secretary thereof, have been abolished, and an act has been passed authorizing, instead thereof, the appointment by the Governor of a School Commissioner for each county, to hold office for one year from the 1st of May, at a salary of \$ 200 per annum. It is made the duty of each Commissioner to spend fifty days at least in his county, during the winter term of the schools, in visiting and examining the schools, &c.

The following is a list of the Commissioners for the several counties:—

York,	Samuel Mildram,	Waldo,	Nathan G. Hitchborn,
Cumberland,	John M. Adams,	Penobscot,	Joseph Bartlett,
Lincoln,	David Small,	Somerset,	Wm. M. E. Brown,
Kennebec,	David Fales,	Piscataquis,	Val. B. Oakes,
Oxford,	William Frye,	Franklin,	Alanson B. Caswell,
Hancock,	Charles Jarvis,	Aroostook,	George A. Nourse.
Washington,	Geo. F. Talbot,		

In 1823 twenty townships of public land were reserved as a basis for a school fund. The proceeds of the land already sold are \$ 104,363.83, which constitute the permanent school fund of the State. In 1850 twenty-four half-townships of the undivided lands of the State were set apart and added to the permanent school fund. The banks are required to pay into the treasury  $\frac{1}{4}$  of one per cent. semiannually on their capital stock for the use of schools. This tax for 1850 was \$ 27,230.27. Add to this six per cent. interest of the school fund, \$ 6,216.81, and there is the sum of \$ 33,492.10, which was apportioned among the towns making returns during the past year. Towns are obliged by law to raise an amount of school money equal to 40 cents for each inhabitant. In the 3,948 districts, and 279 parts of districts, which made returns for 1850, there were 2,706 male and 3,921 female teachers. Average monthly wages of male teachers, \$ 16.66; of female teachers, \$ 5.92; average length of schools in weeks, 18.8; schools suspended by incompetency of teachers, 152; number of good school-houses, 1,596; number of poor ones, 2,012; number built the past year, 120; whole number of scholars, 230,274; whole attendance in winter, 151,360; average attendance, 91,519. The whole amount of school money raised by tax was \$ 264,351.17, which was \$ 41,010.37 more than required by law. \$ 29,921.46 were expended for private schools. There are school libraries in nine towns. There are 22 chartered



academies in the State, of which 64 sustain schools during a greater or less part of the year. The teachers' institutes have been in successful operation for several years; 1,732 teachers attended them in 1850; 801 males, 931 females. The session of each institute was ten days.

*Insane Hospital, Augusta.* — The two south wings and most of the main building were destroyed by fire, Dec. 4, 1850. Twenty-seven of the inmates and one of the assistants perished in the flames. The library, books, and papers of the institution were saved. The north wing was made inhabitable by the first of January, 1851, and has since been occupied.

## II. NEW HAMPSHIRE.

*Government for the Year ending on the 1st Wednesday of June, 1853.*

NOAH MARTIN,	of Dover,	Governor,	Salary.
John L. Hadley,	of Weare,	Secretary of State,	\$ 1,000
Jesse A. Gove,	of Concord,	Deputy Sec. of State,	800
Edson Hill,	of Concord,	Treasurer,	Fees. 600
John Sullivan,	of Exeter,	Attorney-General,	\$ 1,200
John Wadleigh,	of Meredith,	Adjutant-General,	400
John S. Wells,	of Exeter,	Pres. of the Senate,	\$ 2.50 per day.
Geo. W. Kittredge,	of Newmarket,	Speaker of the House,	\$ 2.50 per day.
William L. Foster,	of Keene,	Clerk of the Senate,	Fees.
Thomas J. Whipple,	of Meredith,	Clerk of the House,	Fees.
Butterfield & Hill,	of Concord,	State Printers.	
James Ayres,	of Portsmouth,	Commissary-General.	
Asa P. Cate,	of Northfield,	} Railroad Commissioners.	
James W. Weeks,	of Lancaster,		
Stephen W. Dearborn,	of Exeter,	} Bank Commissioners.	
John W. Rix,			
Frederic Vose,		} Commissioners to revise and codify the Laws of the State.	
Henry F. French,			
Robert Metcalf,	of Newport,		
Calvin Ainsworth,	of Concord,		
Samuel H. Ayer,	of Manchester,		

### *Executive Council.*

	Counties.	Councillors.
1st District,	{ Rockingham and part of Merrimack,	{ Moses Eaton, Jr., of S. Hampton.
2d " "	{ Strafford, Belknap, and Carroll,	{ Joseph H. Smith, of Dover.
3d " "	{ Hillsborough and part of Merrimack,	{ Samuel Butterfield, of Andover.
4th " "	Cheshire and Sullivan,	James Bachelder, of Marlborough.
5th " "	Grafton and Coos,	Russell Cox, of Holderness.

### JUDICIARY.

The Supreme Court consists at present of a chief justice and four associate justices. At the session of the Legislature in June, 1851, provision was made for appointing four circuit justices of the Common Pleas. Two only are appointed now. If a vacancy, other than in the office of the chief justice, occurs in the Superior Court, it is not to be filled, but an additional cir-

cuit justice of the Common Pleas is to be appointed, until the whole number of four is filled up, and after that the Superior Court will consist of the chief justice and two associate justices, any two of whom will be a quorum. Two terms of the Superior Court are held annually at Concord, on the 2d Tuesdays of July and December, for the hearing and determining of questions of law and petitions for divorce, from all the counties in the State. This court is also vested with chancery powers. At the trial of capital cases two justices of the Superior Court, or one justice of the Superior Court and one circuit justice, are required to be present.

The judges of the Superior Court of Judicature are, *ex officio*, judges of the Court of Common Pleas. This court, before whom all actions for the recovery of debts, enforcement of contracts, &c., and all jury trials are brought, consists of one of the justices of the Superior Court, or one of the circuit justices of the Court of Common Pleas, and of the two county justices, who are generally appointed from among the yeomanry, whose principal duty it is to attend to the ordinary business of the county, expenses, &c. Terms of the Common Pleas are held semiannually in each county. Grafton County is divided into two judicial districts, and terms are held semiannually, in each district.

<i>Superior Court.</i>			Appointed.	Salary.
John J. Gilchrist,	of Charlestown,	<i>Chief Justice,</i>	1848	\$ 1,400
Andrew S. Woods,	of Bath,	<i>Associate Justice,</i>	1840	1,200
Ira A. Eastman,	of Gilmanton,	"	1849	1,200
Samuel D. Bell,	of Manchester,	"	1849	1,200
William L. Foster,	of Keene,	<i>Reporter.</i>		

*Circuit Justices of the Court of Common Pleas.*

William P. Wheeler,	of Keene,	1851	1,200
George Y. Sawyer,	of Nashua,	1851	1,200

*Judges of the Court of Common Pleas.*

Counties.	Justices.	Residence.	Salary.
Rockingham,	{ James Pickering,	Newington,	\$3 per day during attendance at court, and 10 cents per mile for travel.
	{ James H. Butler,	Nottingham,	
Strafford,	{ George L. Whitehouse,	Dover,	
	{ Hiram R. Roberts,	Somersworth,	
Belknap,	{ Thomas Cogswell,	Gilmanton,	
	{ Henry Y. Simpson,	New Hampton,	
Carroll,	{ Thomas Rust,	Wolfeborough,	
	{ Thomas P. Drake,	Effingham,	
Merrimack,	{ Benjamin Wadleigh,	Sutton,	
	{ Jacob A. Potter,	Concord,	
Hillsborough,	{ Jesse Carr,	Goffstown,	
	{ William Parker,	Francestown,	
Cheshire,	{ Horace Chapin,	Winchester,	
	{ Nathan G. Babbitt,	Walpole,	
Sullivan,	{ Ambrose Cossit,	Claremont,	
	{ Eleazer Jackson,	Cornish,	
Grafton,	{ David C. Churchill,	Lyme,	
	{ Oscar F. Fowler,	Bristol,	
Coos,	{ Nahum D. Day,	Northumberland,	
	{ Robert Ingalls,	Shelburne,	

*Courts of Probate.*

Counties.	Judges.	Salary.	Registers.	Salary.
Rockingham,	Ira St. Clair,	\$ 334	William B. Morrill,	\$462
Strafford,	Chas. W. Woodman,	167	John H. White,	223
Belknap,	Warren Lovell,	142	O. A. J. Vaughan,	183
Carroll,	Jonathan T. Chase,	142	Sanborn B. Carter,	183
Merrimack,	Horace Chase,	300	William P. Foster,	400
Hillsborough,	William C. Clark,	334	Lemuel N. Pattee,	464
Cheshire,	Larkin Baker,	225	Geo. W. Sturtevant,	300
Sullivan,	John L. Putnam,	175	Henry E. Baldwin,	225
Grafton,	Eleazer Martin,	275	Samuel Swasey,	380
Cocumseh,	Jared W. Williams,	100	John W. Barney,	125

## FINANCES.

[From Treasurer's Report, June 2, 1852.]

<i>Chief Sources of Income.</i>			
Railroad tax, . . . . .	\$ 53,821.10	Contingent expenses, . . . . .	227.40
Money borrowed, . . . . .	89,100.00	For money borrowed, . . . . .	96,660.99
Civil commissions (fees), . . . . .	373.04	State printers, . . . . .	3,408.99
State tax for 1851, and previous years, 59,213.37		Publishing laws in newspapers, . . . . .	765.80
From estate of Jacob Kimball for Insane Asylum, . . . . .	3,100.00	N. H. Asylum for indigent insane, . . . . .	2,021.66
From the United States, interest on advances for Indian Stream insurance, . . . . .	4,390.86	Perkins Institution, — Education of blind, . . . . .	550.00
Total receipts, . . . . .	\$209,998.37	American Asylum, — Education of deaf and dumb, . . . . .	2,162.80
<i>Principal Items of Expenditure.</i>		Officers' School of Instruction, . . . . .	14.96
Salaries, Executive and Judiciary, \$23,227.17		N. H. Reports and Digest, . . . . .	3,263.91
Pay of Council, . . . . .	896.80	Railroad tax div'ds paid to towns, . . . . .	28,133.79
Pay of Senate, . . . . .	1,091.40	State Prison, . . . . .	1,500.00
Pay of Representatives, . . . . .	20,827.40	Militia, . . . . .	4,791.96
Total receipts for the year ending June 2, 1852, . . . . .	\$209,998.37	Bounty on crows, bears, and wild-cats, 5,779.60	
Total expenditures for the same period, . . . . .	202,003.83	Incidental account, . . . . .	5,701.82
Balance in the Treasury, June 2, 1852, . . . . .	\$7,994.54		
The receipts, exclusive of loans, have exceeded the expenditures, exclusive of payments for borrowed money, \$10,595.78.			

*State of the Treasury, June 2, 1852.*

Total indebtedness, June 2, 1851, . . . . .	\$75,731.67
Deduct available funds, viz. Cash in treasury, . . . . .	7,994.54
Taxes outstanding, . . . . .	1,542.05
Amount of indebtedness above available funds, . . . . .	\$66,195.08

*Banks.* — The condition of the banks, on the first Monday in June, 1852, was as follows: — Capital actually paid in, \$3,076,000; real estate, \$56,379.61; debts due the banks, \$4,313,750.47; debts due from directors, \$85,619.95; specie, \$165,217.16; bills of other banks, \$141,513.62; deposits in the banks, \$613,769.75; deposits in other banks for the redemption of bills, \$643,724.83; circulation, \$2,328,363. The whole number of banks in the State is thirty-one.

*Common Schools.*

The present school law is in the sixth year of its existence. At the June session (1850) of the Legislature, the office of School Commissioner was abolished, and County School Commissioners were created, to constitute the Board of Education. The Commissioners are, —

Rockingham. — Albert H. Holt, of Exeter.  
 Strafford. — Thos. J. Greenwood, of Dover.  
 Belknap. — Giles Leach, of Meredith.  
 Carroll. — Sanborn B. Carter, of Ossipee.  
 Merrimack. — Hall Roberts, of Concord.

Hillsborough. — Lewis C. Brown, of Nashua.  
 Cheshire. — A. H. Bennett, of Winchester.  
 Sullivan. — William M. Ladd, of Claremont.  
 Grafton. — John S. Woodman, of Hanover.  
 Coos. — Geo. H. Pinkham, of Jackson.

The returns for the years ending June 1, 1850, May 20, 1851, and May 20, 1852, give the following statistics, to wit:—

	1850.	1851.	1852.
Whole number of school districts reported, . . . . .	2,167	2,222	2,284
Number of scholars above 4 years of age attending school two weeks, . . . . .	78,863	80,134	84,900
Number of scholars in the winter schools, . . . . .	77,806	73,301	71,222
Average attendance in the winter schools, . . . . .	60,271	59,617	55,770
Number of scholars in the summer schools, . . . . .	61,498	58,328	58,805
Average attendance in the summer schools, . . . . .	46,225	42,042	44,564
Average length of the winter schools in weeks, . . . . .	9.8	9.66	9.11
Average length of the summer schools in weeks, . . . . .	9.4	8.66	9.20
Average monthly wages of male teachers, exclusive of board, . . . . .	\$ 14.73	\$ 14.64	\$ 15.18
Average monthly wages of female teachers, exclusive of board, . . . . .	\$ 6.21	\$ 6.44	\$ 6.63
Number of male teachers employed in the winter schools, . . . . .	1,246	1,214	1,205
Number of female teachers employed in the winter schools, . . . . .	961	822	1,080
Amount of money raised by taxes for the schools, . . . . .	\$ 145,892.12	\$ 147,968.04	\$ 150,527.76
Amount contributed in board and fuel, . . . . .	9,738.12	11,163.85	14,233.36
Income of local funds, . . . . .	8,097.42	8,123.50	8,559.67
Amount of literary fund, . . . . .	10,790.00	11,144.55	13,005.00
Amount raised for the Teachers' Institute, about . . . . .	1,020.52	655.32	
Whole amount raised for the district schools during the year, . . . . .	174,517.66	179,065.46	189,925.79
Increase above the previous year, . . . . .	15,087.28	4,547.80	10,860.33

*State Prison, Concord, for the year ending May 31, 1852.* — Rufus Dow, Warden, salary \$900; Rev. Eleazer Smith, Chaplain; William Prescott, M. D., Physician. Whole number of convicts in prison, June 1, 1851, 95. Received since, 44. Whole number, 139. There have been discharged during the year, by expiration of sentence, 11; by pardons, 11; death, 6; = 28. Leaving in prison, May 31, 1852, 111. Of those remaining in prison, 108 are males, and 3 are females. The ages of the convicts at the time of their conviction were as follows: from 10 to 20, 35; 20 to 30, 36; 30 to 40, 24; 40 to 50, 11; 50 to 60, 4; 60 to 70, 1. Of the convicts now in prison, 74 were committed for offences against property, as burglary, house-breaking, horse-stealing, larceny, &c.; 2 for arson; 6 for rape or attempt to commit rape; 2 for manslaughter; 5 for murder. There are 10 sentenced for life; 3 for 20 years; 2 for 15 years; 1 for 14 years; 1 for 12 years; 7 for 10 years; 23 for 5 years; 9 for 4 years; 22 for 3 years; 10 for 2 years. Of the whole number, 19 are foreigners; 34 are natives of other New England States; 8 are natives of New York; and 46 are natives of New Hampshire. 32 convicts are employed in the cabinet shop; 40 in the shoe shop; 19 in the smith shop; the 3 females are employed in sewing. The expenditures for the year were \$7,434 11; the receipts and earnings were \$8,918.62; excess of income over expenses, \$1,484.51. The prison library consists of about 600 volumes.

*New Hampshire Asylum for the Insane, Concord.* — Andrew McFarland, Superintendent. Since the opening of the asylum, for nearly ten years, there have been admitted, to June 1, 1852, 923 patients; 118 now remain in the institution. Of these, 63 are males and 55 females. The number of patients admitted during the past year was 107. Of these, 53 were males and 54 were females. 106 were discharged during the year. Of these, 66 (30 males and 36 females) had recovered; 13 (7 males and 6 females) had partially recovered; 16 (5 males and 11 females) were not relieved; and 11 (3 males and 8 females) died.

*State Reform School.*—At the session of the Legislature in 1851, an act was passed authorizing the Governor to appoint a board of three Commissioners, to select and obtain the refusal of a lot of land of not less than 50 acres, for an eligible site for a manual labor school; to procure plans and estimates on the building, and to mature a system for the government of the institution. Under this act, Nathaniel B. Baker, of Concord, John E. Tyler, of Rollinsford, and John S. Woodman, of Hanover, were appointed Commissioners.

A site has been selected in Concord, upon the shores of Long Pond, and plans, &c. prepared for a building which will accommodate 300 boys and the officers of the institution, &c., and workmen are now engaged thereon.

### III. VERMONT.

#### *Government for the Year ending October, 1853.*

			Salary.
ERASTUS FAIRBANKS, of St. Johnsbury, Governor (term ends Oct., 1853),			\$ 750
Wm. C. Kittredge,	of Fairhaven,	Lieut.-Gov. & Pres. Sen.,	\$ 4 a day.
George Howes,	of Montpelier,	Treasurer,	400
Ferrand F. Merrill,	"	Secretary of State,	275
Rufus F. Andrews,	of Proctorsville,	Sec. Civil and Military Affairs,	225
Fred. E. Woodbridge,	of Vergennes,	Auditor of Accounts,	150
DeWitt C. Clarke,	of Burlington,	Secretary of the Senate,	250
Thomas E. Powers,	of Woodstock,	Speaker of the House.	
Chalon F. Davey,	of Burlington,	Clerk of the House,	400
George Nichols,	of Northfield,	State Librarian,	100
Hiram Harlow,	of Windsor,	Superintendent of State Prison,	500
Fred. W. Hopkins,	of Rutland,	Adjutant and Insp.-General,	150
Calvin Jewett,	of St. Johnsbury,	Commissioner of the Insane.	
George C. West,	of Hartland,	Bank Commissioner.	

The Senate was established in 1836. The House of Representatives is composed of about 230 members, one member from each town. Pay of the members of each house, \$2.00 a day during the session of the Legislature.

#### JUDICIARY.

The Supreme Court consists of three judges, and holds its stated sessions in each county, once each year, with an additional term, each year, in each judicial circuit, at such time and in such county as the court shall direct.

For the trial of cases in the County Courts (Court of Common Pleas) the State is divided into four judicial circuits. The first circuit includes the counties of Bennington, Rutland, and Addison; second circuit, Windham, Windsor, and Orange; third circuit, Chittenden, Franklin, Lamoille, and Grand Isle; fourth circuit, Washington, Caledonia, Orleans, and Essex. The County Court is composed of a circuit judge, who is appointed by the Legislature, and two assistant judges, in each county, who are elected by the people. The salary of each judge of the Supreme Court and each circuit judge is \$1,375 per annum, and the assistant judges receive a per diem allowance. The salary of the reporter is \$450.

The Court of Chancery has two stated sessions annually, in each county,

and is always in session, except for the final hearing of a cause. An appeal from the decree of the Chancellor lies to the Supreme Court.

<i>Supreme Court.</i>			<i>Salary.</i>
Stephen Royce,	of Berkshire,	<i>Chief Judge,</i>	\$ 1,375
Isaac F. Redfield,	of Randolph,	<i>Associate Judge,</i>	1,375
Pierrepoint Isham,	of Bennington,	"	1,375
Peter T. Washburn,	of Woodstock,	<i>Reporter,</i>	450

### *County Courts.*

*First Circuit.* Robert Pierpont, of Rutland,  
Circuit Judge.

#### *Assistant Judges.*

Simeon Rising,	{	Bennington County.
Charles E. Houghton,	{	
Samuel H. Kellogg,	{	Rutland County.
Barnes Frisbie,	{	
Joseph Hayward,	{	Addison County.
Roswell Bottom, Jr.	{	

*Second Circuit.* Jacob Collamer, of Woodstock, Circuit Judge.

#### *Assistant Judges.*

Ellery Albee,	{	Windham County.
Horace Alvord,	{	
Hampden Cutts,	{	Windsor County.
Calvin French,	{	
Gouldsburn Taplin,	{	Orange County.
Alvan Smith,	{	

*Third Circuit.* Asahel Peck, of Burlington, Circuit Judge.

#### *Assistant Judges.*

Ransom Jones,	{	Chittenden County.
Aaron L. Beach,	{	
Alvah Sabin,	{	Franklin County.
Augustus Young,	{	
James M. Hotchkiss,	{	Lamoille County.
Giles A. Barber,	{	
William M. Sowles,	{	Grand Isle County.
Daniel Wait,	{	

*Fourth Circuit.* Luke P. Poland, of St. Johnsbury, Circuit Judge.

#### *Assistant Judges.*

David W. Hadley,	{	Washington County.
Joseph Hancock,	{	
Alden E. Judevine,	{	Caledonia County.
Andrew McMillan,	{	
William Moon, Jr.	{	Orleans County.
Nehemiah Colby,	{	
David Hibbard, Jr.	{	Essex County.
Oramel Crawford,	{	

### *Clerks of the Supreme and County Courts.*

Counties.	Clerks.	Residence.	Counties.	Clerks.	Residence.
Bennington,	Sam. H. Blackmer,	Bennington.	Washington,	Shubael Wheeler,	Montpelier.
Windham,	Royal Tyler,	Brattleboro'.	Caledonia,	G. A. Burbank,	Danville.
Rutland,	Fred. W. Hopkins,	Rutland.	Lamoille,	Carlos S. Noyes,	Hydepark.
Windsor,	Norman Williams,	Woodstock.	Grand Isle,	Elijah Haynes,	North Hero.
Addison,	George S. Swift,	Middlebury.	Franklin,	Jos. H. Brainerd,	St. Albans.
Orange,	Samuel M. Flint,	Chelsea.	Orleans,	Hubbard Hastings,	Irasburg.
Chittenden,	David B. Buckley,	Burlington.	Essex,	Wm. H. Hartshorn,	Guildhall.

*Common Schools.* — Number of school districts in the State, 2,594; number of scholars, 90,110; average of wages paid male teachers per month, \$13.55; average of wages paid female teachers per month, \$5.54; whole wages for males, \$65,759.16; for females, \$61,312.65; number of weeks of schools by males, 19,360; by females, 43,238; whole wages to teachers, \$127,071.81; cost of board, \$70,492.87; cost of fuel, &c., \$19,837.65; cost for wages, board, and fuel, \$217,402.33; public money divided for support of schools, \$90,893.91; average length of school during the year, 24 weeks; average of scholars per district, 39; expense per scholar, \$2.20. The school fund was abolished in 1845, to pay the State debt. The office of State Superintendent was abolished in 1851.

*State Prison.* — Year ending September 1, 1851. — Hiram Harlow, Superintendent, salary \$500. Number of convicts, September 1, 1850, 76; admitted during the year, 35; total, 111; 20 were discharged during the year; 14 by expiration of sentence; 5 by pardon; 1 died; leaving in confinement, September 1, 1851, 91; of whom 87 were white males, 2 white and 2 black females. The services of the convicts are let out to contractors. The contract per diem charge per convict is two shillings. The income of the prison for the year was \$7,390.80. Expenditures, \$7,374.60. Balance of receipts over all expenditures, \$6.20. Total liabilities exclusive of interest, \$4,436.63; total assets, \$6,168.42. Excess of assets, \$1,721.60.

*Vermont Asylum for the Insane, Brattleboro'.* — William H. Rockwell, M. D., Superintendent. Since the opening of the Asylum, there have been admitted, to August 1, 1851, 1,746 patients; 1,411 have been discharged, and 335 remain in the institution. Of the 1,746 patients thus admitted, 818 have recovered, equal to 46.85 per cent. Of the 1,411 discharged, 818 have recovered, equal to 57.97 per cent. Of those placed at the Asylum within six months from the attack, nearly nine tenths have recovered. During the year ending August 1, 1851, the whole number of patients was 486. Admitted, 137; discharged, 130; remaining in the institution, 335. Of those discharged, 73 were cured; 35 died; improved, 11; not improved, 11. There have been 184 State beneficiaries in the Asylum during the year, and 132 remained, July 31, 1851. Income during the year, \$35,423.54; expenditures, \$34,349.66; balance in favor of the Asylum, 1,073.88. There is connected with the Asylum a library of over 1,200 volumes, and a large number of newspapers and periodicals are taken.

*Terms of Admission.* — For the first six months, \$2 per week, and \$1.75 afterwards. When the insanity is connected with epilepsy or paralysis, \$2.50 per week. Patients are received from other States for \$2 per week, or \$100 per year.

*Banks.* — Number of banks in the State, 31; capital paid in, \$2,603,112; circulation, \$3,377,027. Total liabilities, \$6,632,386. Notes and bills discounted, \$5,566,193; deposits in city banks, \$745,819; specie, \$179,050; total resources, \$6,829,859.

In the session of the Legislature of 1851 a General Banking Law was adopted, under which one bank, that of South Royalton, has gone into operation.

By a joint resolution of the Legislature in 1849, savings' banks are required to report to the Auditor their condition on the first Monday of September, in each year.

### FINANCES.

#### *For Fiscal Year ending September 1, 1851.*

Amount received into the Treasury, including balance of 1850, . . . \$170,913.87

" expended, . . . . . 169,535.62

Balance in Treasury, Sept. 1, 1851, . . . . . \$1,378.25

#### *Principal Items of Expenditure.*

Expenses of the Legislature,	\$23,664.84	Repaid loans and Safety Fund,	14,500.00
Contingent expenses,	7,051.93	Peddlers' license money distributed,	2,295.00
Library,	877.61	Bill-holders Essex County Bank,	29,325.65
Executive expenses, — salaries,	3,866.67	State Prison appropriation,	10,000.00
Salaries of Judges,	8,966.25	<i>Principal Sources of Revenue.</i>	
Other Court expenses, including prosecution of crime,	44,977.12	In Treasury, Sept. 1, 1850,	\$3,122.03
Military expenses,	3,814.91	From taxes,	105,776.77
Infirm poor, insane, deaf and dumb,	8,033.22	Safety and School Funds,	2,260.29
Common Schools,	2,833.14	Principal collected on same,	1,772.00
Agricultural Societies, &c.,	1,830.01	Peddlers', &c. licenses,	2,295.00
Financial disbursements,	5,052.54	Loans,	35,000.00
Elections,	654.16	State Attorneys,	1,864.78
		Court fees by Clerks,	6,571.55
		From banks for advances,	11,123.03

#### *State Liabilities, Sept. 1, 1851.*

Indebted to Safety Fund,	\$14,894.72	To meet which, it has, —	
" " Safety Fund Loan,	20,000.00	Balance in the Treasury,	\$1,378.25
" " State Prison Loan,	10,000.00	Taxes not collected,	48,023.80
To banks for advances,	11,123.93	Notes and interest due the School Fund,	6,917.34
U. S. surplus revenue,	1,500.00	Due from County Clerks for old licenses,	1,325.15
Total,	\$57,518.65		\$57,644.54
Resources,	57,644.54		
Balance in favor of the State,	\$125.89		

#### *Taxable Property and Taxation. Aggregate of Grand List of 1851.*

53,360 polls at \$2,	\$106,720.00	Polls and one per cent. are,	817,486.94
4,897,285 acres land appraised at	57,013,390.44	Deduct for Fire Companies,	1,170.00
Personal estate,	14,063,304.47	Balance list for State taxes,	\$816,316.94
Total real and personal,	\$71,797,694.91		

## IV. MASSACHUSETTS.\*

*Government for the Year ending the 1st Wednesday in January, 1853.*

		Salary.
GEORGE S. BOUTWELL,	of Groton, Governor,	\$2,500
Henry W. Cushman,	of Bernardston, Lieutenant-Governor,	\$4 a day.
Amasa Walker,	of N. Brookfield, Sec. of Commonwealth,	1,600
Charles B. Hall,	of Haverhill, Treas. and Receiver-Gen.,	1,600
David Wilder, Jr.,	of Leominster, Auditor,	1,500
Ebenezer W. Stone,	of Roxbury, Adj.-Gen. & Quartermaster,	1,500
Samuel Warner, Jr.,	of Wrentham, Land Agent.	
William Tufts,	1st Clerk, Secretary of State's Office,	1,200
William Williams,	1st Clerk, Treasurer's Office,	1,200
Barnas Sears,	of Newton, Sec. of Board of Education and State Librarian,	1,500
Henry Wilson,	of Natick, Pres't of the Senate,	\$4 per day.
Nathaniel P. Banks,	of Waltham, Speaker of House of Rep.	"
Francis H. Underwood,	of Webster, Clerk of Senate,	\$10 per day.
Lewis Josselyn,	of Lynn, Clerk of House,	"

## JUDICIARY.

## Supreme Judicial Court.

Lemuel Shaw,	of Boston, Chief Justice,	\$3,500
Charles A. Dewey,	of Northampton, Justice,	3,000
Theron Metcalf,	of Boston, "	3,000
Richard Fletcher,	of Boston, "	3,000
Geo. Tyler Bigelow,	of Boston, "	3,000
Caleb Cushing,	of Newburyport, "	3,000
John H. Clifford,	of New Bedford, Attorney-General,	2,500
Luther S. Cushing,	of Boston, Reporter, \$300 and proceeds of Reports.	
A. W. Farr,	of Lowell, District Attorney, N. Dist.	1,000
Horatio Pratt,	of Taunton, " S. "	1,000
Stephen H. Phillips,	of Salem, " E. "	800
Ezra Wilkinson,	of Dedham, " S. E. "	800
Benj. F. Newton,	of Worcester, " Mid. "	800
Increase Sumner,	of Great Barrington, " W. "	800
John C. Park,	of Boston, Attorney, Co. of Suffolk,	2,000

The Supreme Court consists of six judges, who hold office during good behavior. It has exclusive cognizance of all capital crimes, and exclusive chancery jurisdiction, so far as chancery powers are given by statute; and concurrent original jurisdiction of all civil cases, where the amount in dispute exceeds \$600 in Suffolk, and \$300 in the other counties. It holds law terms in eight of the fourteen counties of the State, and *nisi prius* terms in all the counties.

\* The official declaration of the vote of November 10, 1851, upon the question of choosing delegates to meet in convention to revise or alter the Constitution, shows that 60,984 voted for calling a convention, and 66,016 voted against it.



*Court of Common Pleas.*

Daniel Wells,	of Greenfield,	<i>Chief Justice,</i>	\$ 2,300
Edward Mellen,	of Wayland,	<i>Associate Justice,</i>	2,100
Horatio Byington,	of Stockbridge,	"	2,100
Jonathan C. Perkins,	of Salem,	"	2,100
E. Rockwood Hoar,	of Concord,	"	2,100
Pliny Merrick,	of Worcester,	"	2,100
Henry W. Bishop,	of Lenox,	"	2,100

The Court of Common Pleas is held for the trial of civil cases above \$20, and, except in Suffolk County, has criminal jurisdiction in all cases not capital. In Suffolk, the criminal jurisdiction is surrendered to the Municipal Court. There are seven judges, and frequent terms are held in every county. The act of 1850, authorizing the appointment of Trial Justices, was repealed at the session of the Legislature for 1851. The new Practice Act, by which writs in Suffolk County are made returnable monthly, and in other counties at more frequent periods than before, is so far repealed, that writs are returnable at terms as under the old practice. Justices of the peace have a limited criminal jurisdiction, and in civil cases under \$100, with the right of either party in all cases over \$20 to call in a jury of six; except in those places, as in Boston, where the justices of the Police Court on stated days hold a "Justices' Court." In Boston, a "Justices' Court" is held on Wednesdays and Saturdays. The jurisdiction of these courts is like that of justices of the peace.

*Police Court of Boston.*

John G. Rogers, Abel Cushing, Thos. Russell, *Justices*, salary, \$1,500 each.

*Commissioners of Insolvency.*

John M. Williams,	of Boston,	for Suffolk	County.
Frederick H. Allen,	of Boston,	for Suffolk	"
John G. King,	of Salem,	for Essex	"
Daniel Saunders, Jr.,	of Lawrence,	for Essex	"
Asa F. Lawrence,	of Cambridge,	for Middlesex	"
Shubael P. Adams,	of Lowell,	for Middlesex	"
Bradford Russell,	of Groton,	for Middlesex	"
Henry Chapin,	of Worcester,	for Worcester	"
Charles Brimblecom,	of Barre,	for Worcester	"
Charles Mason,	of Fitchburg,	for Worcester	"
Allyn Weston,	of Milford,	for Worcester	"
Haynes H. Chilson,	of Northampton,	for Hampshire	"
Daniel W. Alvord,	of Greenfield,	for Franklin	"
A. W. Stockwell,	of Springfield,	for Hampden	"
Thomas Robinson,	of Adams,	for Berkshire	"
J. E. Field,	of Stockbridge,	for Berkshire	"
Lorenzo H. Gamwell,	of Pittsfield,	for Berkshire	"
Wm. S. Morton,	of Quincy,	for Norfolk	"
Jonathan P. Bishop,	of Medfield,	for Norfolk	"
Samuel Stetson,	of Duxbury,	for Plymouth	"
Frederic Simmons,	of Hanover,	for Plymouth	"

J. J. Russell,	of Plymouth,	for Plymouth County.
E. P. Hathaway,	of Fall River,	for Bristol “
Zeno Scudder,	of Barnstable,	for Barnstable “
C. B. H. Fressenden,	of Sandwich,	for Barnstable “
George Cobb,	of Nantucket,	for Nantucket “
Leavitt Thaxter,	of Edgartown,	for Dukes “

The provision of the act requiring these Commissioners to hold a Court of Insolvency at the shire towns in their respective counties on the first Tuesday of each month, was repealed in 1852. They now hold them as often as they may deem necessary. Salary,—fees not exceeding the amount of \$1,500 each.

*Probate Courts.*

Counties.	Judges.	Salary.	Registers.	Salary.
Barnstable,	Nymphas Marston,	\$400	Nathaniel Hinckley,	\$500
Berkshire,	Daniel N. Dewey,	375	John Branning,	550
Bristol,	Oliver Prescott,	400	Henry Williams,	750
Dukes,	Theod. G. Mayhew,	100	Hebron Vincent,	150
Essex,	Daniel A. White,	600	Edwin Lawrence,	1,500
Franklin,	George Grennell,	240	Samuel O. Lamb,	425
Hampden,	Oliver B. Morris,	240	William L. Smith,	550
Hampshire,	Ithamar Conkey,	240	Samuel F. Lyman,	450
Middlesex,	Samuel P. P. Fay,	700	Alonzo V. Lynde,	1,500
Nantucket,	Samuel Mitchell,	200	William Bunker,	300
Norfolk,	Sherman Leland,	400	Jonathan H. Cobb,	700
Plymouth,	Aaron Hobart,	350	Moses Bates, Jr.	650
Suffolk,	Edward G. Loring,	800	Thomas Gill,	2,000
Worcester,	Thomas Kinnicutt,	600	Charles G. Prentiss,	1,500

**FINANCES.**

Received into the Treasury during year ending January 1st, 1852, on account of ordinary revenue,	\$566,432.09
Received on all other accounts (including \$345,000 temporary loans, borrowed in anticipation of the revenue),	935,980.22
Total receipts,	\$1,502,412.31
Add cash on hand, January 1st, 1851,	124,038.61
Total means,	\$1,626,450.9
The entire payments during the year on account of ordinary expenditures were	\$642,105.41
On all other accounts, including \$365,000 loans repaid,	907,523.18
Total payments,	\$1,549,628.59
Deficit in the revenue for 1851,	75,673.32
Cash on hand, January 1st, 1852,	\$76,822.33

Of this \$10,135.90 is on account of ordinary revenue, and \$66,686.43 on account of the school and other funds.

<i>Principal Items of Expenditure.</i>			
Councillors, . . . . .	\$ 5,153.00	State printing, . . . . .	20,876.26
Legislature, . . . . .	139,469.20	Newspapers and advertising, . . . . .	5,861.09
Salaries, . . . . .	78,267.94	Term reports, . . . . .	3,055.65
Adj't and Q. M. General's Dep't, . . . . .	4,650.00	County Treasurers, . . . . .	53,199.44
Fuel, &c., for State-House, . . . . .	1,128.53	State paupers, . . . . .	107,515.63
Repairs of do. . . . .	3,147.08	Interest on temporary loans, . . . . .	5,266.68
Furniture for do. . . . .	1,742.77	“ on State Ref. School scrip, . . . . .	5,000.00
Stationery for State-House, . . . . .	3,062.41	“ on Western Railroad scrip, . . . . .	48,950.00
State Library, . . . . .	300.00	“ on 5 per cent. loan of 1850, . . . . .	5,000.00
		Agricultural Societies, . . . . .	7

Asylum for the Blind, . . .	\$9,000.00	Interest on same, . . .	\$40,453.56
" " Deaf and Dumb, . . .	7,692.06	Western R. R. sinking fund, . .	121,661.00
Eye and Ear Infirmary, . . .	2,000.00		
State Lunatic Hospital, . . .	3,200.00	<i>Chief Sources of Income.</i>	
School for Idiots, . . .	3,750.00	Auction tax, . . .	\$14,759.49
Bounty to militia, . . .	23,843.50	Bank " . . .	391,066.26
State Prison, . . .	8,000.00	Attorney for Suffolk County, &c., .	6,122.74
Prevention of counterfeiting, . .	965.96	Alien passengers, . . .	37,066.54
Pensions, . . .	1,474.26	Alien estates, . . .	3,179.63
State Reform School, . . .	22,500.00	Hawkers' and peddlers' licenses, .	2,018.00
Bank Commissioners, . . .	3,156.15	Interest on deposits, . . .	1,076.31
Alien Commissioners, . . .	2,670.16	Western Railroad dividends, . .	80,000.00
Commissioners for various purposes,	7,134.14	Temporary loans, . . .	345,000.00
Valuation Committee, . . .	13,885.50	Five per cent. stock of 1850, . .	50,000.00
Stone for Washington Monument, .	1,638.02	Scrip of 1851, . . .	100,000.00
Sundry Indian tribes, . . .	3,919.86	School fund from lands, &c., . .	248,786.73
Reception of President Fillmore, .	7,227.22	Interest on school fund, . . .	46,259.11
Secret Ballot envelopes, &c., . .	1,806.36	Scrip lent to railroads, . . .	52,500.00
Enlargement of State Prison, . .	42,085.17	Western R. R. stock and loan sink-	
Loans repaid, . . .	365,000.00	ing fund, . . .	116,150.87
School Fund, . . .	40,708.04		

The debt of Massachusetts, on its own account, was, on the 1st January, 1852, \$1,341,475.00

Liability of the Commonwealth for scrip loaned to the various railroads, . . . \$5,049,555.56

Total absolute and contingent debt, . . . \$6,391,030.56

The value of the property of the Commonwealth, January 1st, 1852, consisting of notes, mortgages, stocks and scrip, and the Western Railroad sinking fund, . . . \$3,025,369.21

Claim on United States for militia services in last war, . . . 181,000.00

Real estate, unproductive, . . . 1,426,112.49

State Reform School fund in the hands of trustees, . . . 70,000.00

Lands in Maine unsold, 1,650,000 acres, supposed to be worth at least, . . . 631,301.52

Mortgages on the various railroads, . . . 5,049,555.56

Total property of the Commonwealth, . . . \$10,333,338.78

Total liabilities, . . . 6,391,030.56

Excess of resources over liabilities, . . . 3,992,308.22

*Institutions for Savings in 1851.*—In the 45 institutions that made returns, there were 86,537 depositors, and \$15,554,088.58 deposits securely invested. The average dividend for the year was a fraction over 4.78 per cent. The average annual per cent. of dividends of the last five years is a fraction over 6.21 per cent. The whole expense of managing these 45 Savings Banks was \$43,707.36.

*Insurance Abstract for 1851.*—Number of stock offices, 33, 19 of which are in Boston. Capital, \$6,356,100.00. In United States stocks and Treasury notes, \$51,000. Bank stocks in Massachusetts, \$4,428,639.06. State Stock, \$151,700. Loans on bottomry and respondentia, \$42,060. Real estate, \$397,748.80. Mortgages on do., \$921,874.09. Loans on collateral and personal security, \$596,547.08; loans on personal security only, \$485,543.86. Cash, \$208,167.21. Reserved or contingent fund, \$545,160.62. Railroad stock, \$536,548.37. Losses ascertained and unpaid, \$105,694.70. Estimated losses in addition, \$312,704.73. Premium notes, \$2,247,413.20, of which \$437,814.24 are on risks that have terminated. Notes bad or doubtful, but not charged to profit and loss, \$17,453.63. At risk, marine, \$63,394,850.59; fire, \$68,749,128.00. Premiums on fire risks undetermined, \$510,640.12. Average annual dividends for 5 preceding years, or since incorporated, 9.76 per cent. (Boston offices, 11.91 per cent.) Fire losses paid last year, \$292,632.13. Marine losses do., \$1,625,534.38.

No returns are published of the Mutual Fire Insurance Companies. Returns are given of mutual marine, and mutual fire and marine, Insurance Companies.

*Abstract of the Returns of the Banks in Massachusetts for 1851.*

DUE FROM THE BANKS.	30 Banks in Boston.	100 Banks out of Boston.	Total, 130 Banks.
Capital stock paid in, . . . . .	\$ 21,760,000.00	\$ 16,505,000.00	\$ 38,265,000.00
Bills in circulation of five dollars and upwards, . . . . .	6,678,316.00	9,686,879.50	16,365,195.50
Bills in circulation less than five dollars, . . . . .	1,001,363.00	2,328,139.75	3,329,502.75
Net profits on hand, . . . . .	2,465,373.18	1,359,234.82	3,824,608.00
Balances due to other banks, . . . . .	6,787,148.28	214,773.02	7,001,921.30
Cash deposited not bearing interest, . . . . .	8,796,574.67	4,173,200.55	12,969,775.22
Cash deposited bearing interest, . . . . .	601,317.50	268,810.75	870,128.25
Total amount due from the banks, . . . . .	48,090,092.63	34,537,559.36	82,627,651.99
RESOURCES OF THE BANKS.			
Specie, . . . . .	1,817,387.97	661,470.81	2,478,858.78
Real estate, . . . . .	590,393.95	407,819.87	998,213.82
Bills of other banks incorporated in this State, . . . . .	5,302,590.74	535,245.54	5,837,836.28
Bills of other banks incorporated elsewhere, . . . . .	344,840.00	53,111.50	397,951.50
Balances due from other banks, . . . . .	3,223,354.01	3,326,878.83	6,550,232.84
Debts due, including notes, bills of exchange, and all other stocks, . . . . .	36,811,525.96	29,529,583.04	66,341,109.00
Total resources of the banks, . . . . .	48,090,092.63	34,514,109.59	82,604,202.22
Amount of dividends since last annual returns, . . . . .	1,592,000.00	1,180,522.71	2,772,522.71
Amount of reserved profits, . . . . .	2,109,407.35	1,185,942.68	3,295,350.03
Debts due each bank, secured by pledge of stock, . . . . .	173,465.78	207,845.71	381,311.49
Debts due and unpaid and doubtful, . . . . .	23,514.81	179,563.24	203,083.05

Average dividends of thirty banks in Boston, in October, 1850, a fraction over 3.4 per cent. ; in April, 1851, a fraction over 3.9 per cent. Average dividends of one hundred banks out of Boston, in October, 1850, a fraction over 3.39 per cent. ; in April, 1851, a fraction over 3.7 per cent. Average dividends of one hundred and thirty banks in and out of Boston, in October, 1850, a fraction over 3.45 per cent. ; in April, 1851, a fraction over 3.84 per cent. A General Banking Law was passed in the session of 1851, but as yet no bank has been organized under it.

*Schools for 1851.*—The towns raise by taxation for the support of schools, \$915,840. Besides this, \$9,993, income of the "surplus revenue," is so appropriated. Total, \$925,833. Add \$39,652, contributed as board and fuel. Number of children in the State from 5 to 15 years old, 196,536. Number that attend school under 5 years, 17,757 ; over 15 years, 20,996. No. of public schools in the State, 3,937. No. of male teachers, 2,432. No. of female teachers, 6,262. No. of scholars in summer schools, 179,497. No. in winter schools, 199,429. Average attendance in summer, 132,422 ; in winter, 152,564. Ratio of attendance to whole number of children between 5 and 15, .72+. Average length of the schools, 7.46 months. Average wages per month, inclusive of board, paid to male teachers, \$36.29. Do. to female teachers, \$15.25. Amount of School Fund, December 31st, 1851, \$955,120 ; decrease during the year, \$2,901. From this fund about \$40,000 is distributed annually among the towns for the support of schools. There are 69 incorporated academies in the State, with 4,154 pupils, and an aggregate of \$65,613 paid for tuition ; also, 785 unincorporated academies, private schools, &c., with 16,658 scholars, and an aggregate of \$266,312 paid for tuition. There were in 1850 local funds for the support of academies, &c., to the amount of about \$354,620, yielding an income of about \$21,584. No. of volumes in school libraries, 91,539. Value, \$42,707. Value of apparatus, \$23,826. The value of the public school-houses in the State in 1848 was \$2,750,000, of which \$2,200,000 had been expended since 1838. There are (in 1851) three Normal Schools supported by the State, at an annual cost of about \$8,174,—one at Westfield, one at West Newton, and one at Bridgewater,—averaging annually, in all, 225 pupils.

*State Lunatic Hospital, Worcester.*—George Chandler, M. D., Superintendent. Number of patients, December 1st, 1850, 441,—228 males, 213 females ; admitted during the year, 263,—125 males, 138 females ; remaining in the Hospital, November 30th, 1851, 466,—242 males, 224 females. Of those admitted during the year, 184 (90 males, 94 females) were committed by the courts ; 23 (11 males, 12 females) by overseers of the poor ; and 56 (24 males, 32 females) were private boarders. 87 foreigners (i. e. persons having no legal

residence in the State), of whom 45 were males and 42 females, were admitted. 208 foreigners (103 males, 105 females) remained in the Hospital at the end of the year. 238 patients (111 males, 127 females) were discharged during the year; of whom 111 were recovered, 38 improved, 46 incurable and harmless, 4 incurable and dangerous, and 39 died. The large proportion of the patients, both male and female, had previously been accustomed to active employment. The number of State paupers in the Hospital at the end of the year, 208. Receipts during the year, \$50,877.87; balance of cash, December 1st, 1850, \$15,694.81; total, \$66,572.68. Expenditures, \$52,662.48. Leaving balance to new account, \$13,910.20. The average annual expense per patient for the 19 years the Hospital has been in operation is \$123.41.

*State Prison.* — Stephen Whitmore, Warden; Rev. — — —, Chaplain; J. W. Bemis, M. D., Physician. The number of prisoners, October 1st, 1850, was 440; 169 were received during the year ending 30th September, 1851, and 137 were discharged. Number of prisoners, 30th September, 1851, 472. Of those discharged, 118 were from expiration, and 12 from remission of sentence; 1 by pardon; 1 by insanity; and 5 died. Of those in prison, 399 were committed for offences against property, and 73 for offences against the person. 21 are confined for life; 1 for 35 years; 1 for 30 years; 2 for 20 years; 3 for 18 years; and the remainder for a shorter period; 136 are confined for 2 years or less; 97 for 3 years; 56 for 4 years; 37 for 6 years; and 20 for 7 years. 76 are from 16 to 20 years old; 240 from 20 to 30; 89 from 30 to 40; 43 from 40 to 50; 21 from 50 to 60; and 3 from 60 to 70. 163 are natives of Massachusetts; 146 of other States, and 168 are foreigners. There are 47 second-comers, 12 third-comers, 7 fourth-comers, and 1 is a sixth-comer. There are 35 negroes, and 15 mulattoes. Average number of convicts for the year, 466. The expenses have been \$45,843.78, and the receipts \$45,344.93; deficit of receipts to meet expenses, \$498.85.

*State Reform School, Westboro'.* — W. R. Lincoln, Superintendent. Boys in the school, December 1st, 1850, 324; received since, 141; discharged during the year, 155; remaining, November 30th, 1851, 310. 1 was 8 years old, 7 were 9, 18 were 10, 13 were 11, 18 were 12, 21 were 13, 21 were 14, and 27 were 15. 48 were committed for larceny, 59 for stubbornness, 6 as idle and disorderly, 7 for vagrancy, 1 for shopbreaking and stealing, 1 for pilfering, 1 for assault, and 1 as a runaway. 103 were committed during minority, 1 for 6 years, and the remainder for a shorter period. 19 were received from Bristol county, 3 from Berkshire, 21 from Essex, 9 from Hampden, 30 from Middlesex, 11 from Norfolk, 15 from Suffolk, 14 from Worcester, and 1 each from Barnstable, Dukes, Franklin, and Plymouth. 114 were born in the United States, and 15 in foreign countries. All the boys are employed during a portion of the day at some mechanical, agricultural, or domestic labor. They do the washing, ironing, and cooking, and make and mend their own clothes. Each day, 4 hours are devoted to school, 6 to labor,  $8\frac{1}{2}$  to sleep, and  $5\frac{1}{2}$  to recreation and miscellaneous duties. 180 acres of land were originally purchased, and since that time an adjoining farm has been added. The buildings can accommodate about 300 boys. The school has been much crowded the past year, and many boys have been rejected for want of proper accommodations. The expenses of the institution for the year were \$31,224.47.

*Pauperism in the Year 1851.* — The number of persons relieved or supported as paupers was 27,624; of whom 8,093 were town paupers, and 16,154 State paupers; of these State paupers, 12,940 were foreigners, and of this number 11,905 were natives of England and Ireland. There were 201 almshouses, with 20,694 $\frac{1}{2}$  acres attached, the whole valued at \$1,317,250.80. Number relieved in almshouses, 12,918 (the average being 5,039), of whom 6,178 were unable to labor. Number relieved out of almshouses, 14,167. Average weekly cost of each pauper in almshouses, \$1.06 4-5; out of almshouses, \$0.94 3-5. Net expense of supporting and relieving paupers, including interest on almshouse establishment, \$486,638.24. Estimated value of pauper labor in almshouses, \$18,921. 2,000 foreign paupers have come into the State within the year. 626 insane, and 372 idiots were relieved or supported during the year. 913 are paupers by reason of insanity or idiocy, and it is probable that 16,853 were made paupers by intemperance in themselves or others.

*Jails and Houses of Correction in 1851.* — Whole number of prisoners, including 1,471 debtors, 11,628. Of these, 9,798 were males; 1,797 females; 1,935 minors; 498 colored; 3,875 able to read or write; 30 insane when committed; 1,509 natives of Massachusetts; 806 na-

tives of other States; 5,072 foreigners; remaining in confinement, November 1st, 1851, 1,563. Average cost of board of each prisoner per week, \$ 1.67 17-20. Total expense for the year, \$ 91,548.99. Estimated value of labor in Houses of Correction, \$ 28,730.24.

### Criminal Statistics.

Offences.	Prosecutions.	Convictions.	Acquittals.	Nol. Prose'd.	Still Pending.	No Bill.	Not Arrested.	Default on Recognizance.	Costs.
<i>Against the person,</i> feloniously,	64	23	5	6	14	13	3		\$ 2,506.50
" " not feloniously,	455	213	34	63	70	55	5	15	9,963.70
<i>Against property,</i> with violence,	194	117	5	7	33	26	5	1	4,791.73
" " without violence,	834	432	83	39	103	124	16	37	17,708.45
Other offences, . . . . .	3,123	1,323	142	368	701	397	103	89	36,107.80
Total, . . . . .	4,670	2,108	269	483	921	615	132	142	\$ 71,078.18

*Births, Marriages, and Deaths, for the Year ending December 31, 1850.* — Returns were received from all but eight towns. The number of births during that period was 27,664, being an increase of 1,891, or 7.34 per cent., over 1849. Of these births, 8,197 were of foreign parentage, and 3,278 whose parentage was not stated. The number of marriages was 10,345. The number of deaths was 16,606; being less than those in 1849 by 3,817, or 18.69 per cent. An average of ten persons died of consumption each day of the year 1850. The Registration gives the following table.

### Influence of Occupation on Longevity.

Occupations.	One year.—From Jan. 1, to Dec. 31, 1850.			6 years and 8 months — From May 1, 1843, to Dec. 31, 1849.		
	Number	Aggregate Age	Average Age.	Number.	Aggregate Age.	Average Age.
Agriculturists, . . . . .	866	56,399	65.13	4,974	317,461	63.82
Laborers, . . . . .	707	31,204	44.14	2,283	103,631	45.39
Mechanics, . . . . .	1,091	49,736	45.59	4,259	196,411	46.12
Merchants, . . . . .	235	11,075	47.13	740	33,894	45.80
Paupers, . . . . .	21	1,285	61.19	182	12,422	68.25
Professional men, . . . .	96	4,805	50.05	496	23,878	48.14
Public men, . . . . .	137	6,623	48.34	405	20,477	50.56
Seamen, . . . . .	270	11,771	43.60	1,051	45,122	42.93
Total, . . . . .	3,423	172,898	50.51	14,390	753,296	52.35
Females, . . . . .	69	3,034	43.97	1,806	84,682	46.89

## V. RHODE ISLAND.

### Government for the Year ending 1st Tuesday in May, 1853.

			Salary.
PHILIP ALLEN,	of Providence,	Governor,	\$ 400
Samuel G. Arnold,	of Providence,	Lieutenant-Governor,	200
Asa Potter,	of Kingston,	Sec. of State,	1,000
Edwin Wilbur,	of Newport,	General Treasurer,	500
Walter S. Burges,	of Providence,	Attorney-General,	1,200
Elisha R. Potter,	of South Kingston,	Comm'r of Public Schools,	800
Amos D. Smith,	of Providence,	Major-Gen. of the Militia.	
Alfred Bosworth,	of Warren,	Speaker of the House.	

The Governor, Lieutenant-Governor, Secretary of State, Treasurer, and Attorney-General are elected annually on the 1st Wednesday of April, for

the year commencing the 1st Tuesday of May. The Commissioner of Schools is appointed by the Governor. The Senate consists of the Governor, who presides, the Lieutenant-Governor, and one Senator from each of the thirty-one towns in the State. The House of Representatives consists of 72 members.

### JUDICIARY.

#### Supreme Court.

#### Salary.

Richard W. Greene,	of Providence,	<i>Chief Justice,</i>	Entries and	\$ 900
Levi Haile,	of Warren,	<i>Associate Justice,</i>	"	550
William R. Staples,	of Providence,	"	"	550
George A. Brayton,	of Warwick,	"	"	550
Thomas Durfee,	of Providence,	<i>Reporter,</i>		500

The judges of the Supreme Court hold office until they are removed by a resolution passed by both houses of the Assembly, and voted for by a majority of the members elected to each house. By an act passed May, 1848, the Court of Common Pleas in each of the five counties is hereafter to be held by a single judge of the Supreme Court, sitting alone. The associate judges of the Supreme Court are to divide this duty among themselves. There are no longer any associate justices elected for each county.

#### Clerks of the Supreme and Common Pleas Courts.

Counties.	Clerks of Supreme Court.	Clerks of Common Pleas.	Post-Office.
Newport,	William Gilpin,	Daniel C. Denham,	Newport.
Providence,	Thos. S. Anthony,	Amasa S. Westcott,	Providence.
Washington,	Powell Helme,	John G. Clarke, Jr.,	Kingston.
Bristol,	Massadore T. Bennett,	Massadore T. Bennett,	Bristol.
Kent,	Joseph J. Tillinghast,	William Bodfish,	E. Greenwich.

### FINANCES

#### For the Year ending May 1, 1852.

<i>Expenses.</i>		<i>Receipts.</i>	
Salaries,	\$ 5,637.50	Balance last year,	\$ 7,922.80
Senators and Representatives,	7,952.68	Peddlers and auctioneers,	5,110.47
Orders of Courts,	19,208.77	Banks, tax on capital,	37,725.97
“ Governor,	2,862.38	“ “ on increase of capital,	15,965.07
“ Legislature,	33,017.39	“ bonus, &c.,	9,984.35
State Prison,	3,000.00	Direct tax,	18,833.36
Public Schools,	34,996.82	Insurance companies,	5,935.97
Deaf, dumb, blind, and idiots,	2,425.00	Interest on U. S. surplus revenue,	11,661.63
Teachers' Institute,	200.00	Dividend on School Fund,	3,591.00
Invested for School Fund,	5,014.37	Pawtucket Turnpike,	1,222.31
Militia,	1,470.62	Courts, fines, &c.,	3,449.06
Miscellaneous,	49.59	Miscellaneous,	3,223.96
Balance,	9,109.73		\$ 124,944.85
	\$ 124,944.85		

The United States surplus revenue received by the State was disposed of thus:—

Loaned to cities and towns on bond,	\$ 70,402.60
Invested in bank stock,	117,633.67
Used by State for State Prison and Dorr war,	194,245.88
Not funded,	48.08
Total received from the United States,	\$ 382,335.23

The State owes no debt except what it has used of the United States surplus revenue.

Total receipts for the year, including previous balance, . . . . .	\$ 124,944.85
Total expenses, . . . . .	115,835.12
Excess of receipts, . . . . .	\$ 9,109.73

*Banks in Rhode Island, September 8, 1851.* — Number of banks in the State, 69; of which 26 were in Providence. Capital, \$12,906,160.60. Circulation, \$3,077,000.75. Deposits on interest, \$205,731.47. Deposits not on interest, \$1,661,401.93. Net profits on hand, \$782,623.51. Total liabilities, \$19,621,307.63. Debts due from directors, \$969,993.58; from other stockholders, \$601,540.84; from all others, \$16,299,861.57. Specie, \$277,715.98. Bills of other banks, \$626,305.93. Deposits in other banks, \$629,033.41. Real estate, \$271,541.14. Total resources, \$19,610,559.16. The deficiency, \$10,748.52, was in the Granite Bank, of Brownsville. Amount of bills in circulation under \$5, \$983,420. The average semiannual dividend of all the banks was  $\frac{3\frac{1}{2}}{100}$  per cent.

*Savings Banks.* — In the 8 institutions for savings, on the first Monday of October, 1851, there were: — Depositors 11,161; amount of deposits, \$1,907,233.81; amount of profits on hand, \$109,603.26. The amount of reserved profits was \$59,454.74; of last dividends, \$70,314.93.

*Public Schools.* — The State has a School Fund, invested in bank stock, of \$56,314.37. By an act passed in 1836, the interest of the State's part of the United States surplus revenue (commonly called the Deposit Fund) was set apart for public schools. \$35,000 are annually paid from the State treasury for schools. By an act passed in June, 1848, the proceeds of the militia commutation tax in each town are to be applied hereafter to the support of public schools. The whole number of school districts in the State is 320, of which 8 are not organized; 271 of these districts own their school-houses; in 16 districts they are owned by the town, and in 42 by proprietors. There has been expended for school-houses during the last seven years, \$172,157. No. of persons in 1850 in the State, under fifteen, 47,857. No. of scholars registered in 1851, 26,712, — 14,133 males and 12,521 females; average attendance, 19,719. No of male teachers, 256; of female, 313. Amount received from the State, \$35,167.59; amount raised by towns, \$55,488.69; whole amount from all sources, \$109,767.01. Expended for instruction, \$94,471.96. Expended for school-houses, \$23,902.80. In June, 1851, the school laws were revised and consolidated, and in many respects much improved.

*State Prison, Providence.* — Francis B. Lee, Warden; salary, \$800. The number of prisoners, October 1, 1850, was 37. Committed during the year, 24; whole number during the year, 61. Discharged by expiration of sentence, 5; by the General Assembly, 8; died, 1; leaving in prison, September 30, 1851, 47, all males. The convicts in the State prison are principally employed in shoe-making; those in the Providence county jail, at cabinet-work.

The income of the prison for the year was \$2,761.41; the expenses were \$9,851.27; excess of expense, \$7,089.86. Number of persons in Providence jail at the suit of the State, September 30, 1851, 67; at the suit of the city, 11; debtors, 4; total, 72. During the year 223 were committed on sentence, 214 for default of bail, — in all, 503, of whom 452 were males, and 51 females; whites, 473; colored, 30; natives, 293; foreigners, 210. Of those sentenced, 192 reported themselves, or were known, as intemperate. There were besides committed to the jail as a house of correction, during the year, 177 persons, of whom 163 were intemperate.

*Butler Hospital for the Insane, Providence, R. I.* — Dr. Isaac Ray, Superintendent. On the 31st of December, 1850, there were in the Hospital 113 patients, — 60 males and 63 females. Admitted during the year, 68, — 33 males and 35 females; whole number during the year, 181. Discharged, 54, — 22 males, 32 females; leaving in the Hospital, December 31, 1851, 127 patients, — 61 males, 66 females. Of those discharged, 26, 8 males and 18 females, had recovered; 8, 4 males and 4 females, were improved; 4, 3 males and 1 female, were unimproved; 16, 7 males and 9 females, died. The disbursements during the year were \$21,016.96; the receipts were \$24,252.43. The minimum price of board for patients is \$2.25 per week.

The State now makes an appropriation of \$1,000 per annum to enable the Governor to



the poor insane persons at the Butler Hospital, and it also pays a portion of the expenses of such poor insane as the towns may choose to send there.

*Providence Reform School.*—James M. Talcott, Superintendent. This School was established in 1850, and was opened to receive inmates, Nov. 1, 1850. From that date to Oct. 31, 1851, there were committed, 52, — 49 boys, 3 girls; 5 boys and 1 girl were discharged, and 1 boy escaped. Remaining in the school, Nov. 1, 1851, 45. 24 were committed for theft; 6 for assault; 4 for vagrancy; 11 for truancy. 42 were born in the United States, and of these 31 were from Rhode Island. 7½ hours in each day, except Sundays, are devoted to labor; 5 to school exercises; 2½ to meals and recreation; 1 to religious exercises; and 8 hours to sleep. The labor has been employed in making such articles as are needed in the institution, and in housework. An arrangement is made by the State by which all juvenile delinquents may be sent to this school.

*Deaf, Dumb, &c.*—The sum appropriated annually to the deaf, dumb, and blind, was in January, 1851, increased to \$2,000, and idiots were included in its benefits. In June, 1851, the sum was further increased to \$2,500.

## VI. CONNECTICUT.

*Government for the Year ending on the 1st Wednesday in May, 1853.*

			Salary.
THOMAS H. SEYMOUR,	of Hartford,	Governor,	\$1,100
Charles H. Pond,	of Milford,	Lieut.-Gov. & Pres. Senate,	300
John P. C. Mather,	of New London,	Secretary of State,	1,000
Edwin Stearns,	of Middletown,	Treasurer,	1,000
Rufus G. Pinney,	of Stafford,	Comptroller,	1,000
Loren P. Waldo,	of Harwinton,	Comm'r of the School Fund,	1,250
		[and expenses.	
Henry Barnard,	of Hartford,	Principal of State Normal School and Sup't of Schools.	
James T. Pratt,	of Rocky Hill,	Pres. pro tem. of the Senate.	
Charles B. Phelps,	of Woodbury,	Speaker of the House.	
Levi B. Bradley,	of Hartford,	Clerk of the Senate.	

## JUDICIARY.

### *Supreme and Superior Court.*

Samuel Church,	of Litchfield,	Chief Justice,	\$1,300
Henry M. Waite,	of Lyme,	Associate Justice,	1,250
William L. Storrs,	of Middletown,	"	1,250
Joel Hinman,	of New Haven,	"	1,250
William W. Ellsworth,	of Hartford,	"	1,250
Thomas Day,	of Hartford,	Reporter,	550

A term of the Superior Court is held by one judge semiannually, in each county of the State; and the Supreme Court, constituted of the five judges, meets annually in each county. The judges of this court hold their offices until seventy years of age. This court has jurisdiction in all cases where the damages, or matter in dispute, exceed \$70.

## County Courts.

Counties.	Judges.	Attorneys.	Clerks.	Residence.
Hartford,	Henry A. Mitchell,	Richard D. Hubbard,	Samuel F. Jones,	Hartford.
New Haven,	Harris B. Munson,	Chas. A. Ingersoll,	Robert H. Osborn,	New Haven.
New London,	James A. Hovey,	John T. Wait,	James Stedman,	Norwich.
Fairfield,	Edward Taylor,	William F. Taylor,	William H. Noble,	Bridgeport.
Windham,	Jared D. Richmond,	Frederic Hovey,	Uriel Fuller,	Brooklyn.
Litchfield,	Charles B. Phelps,	Julius B. Harrison,	Frederic D. Beeman,	Litchfield.
Middlesex,	Samuel Ingham,	Charles Whittlesey,	Elihu Spencer,	Middletown.
Tolland,	Ralph Gilbert,	John H. Brockway,	Joseph Bishop,	Tolland.

A County Court is held by one judge three times each year, in the several counties. The judges of this court are appointed annually by the Legislature, and hold office for one year from the 4th of July of the year of their appointment. They have jurisdiction in all civil actions where the damages, or matter in dispute, exceed \$35. In civil cases, an appeal lies in all cases from the County to the Superior Court, where the matter in dispute exceeds the sum of \$70. The clerks of the County Courts are likewise clerks of the Superior and Supreme Courts of their respective counties.

## FINANCES FOR 1851-52.

Items of Expenditure.		Contingent Fund, . . . . . 104.42	
Debenture and contingent expenses of General Assembly, . . . . .	\$31,210.38	Payments in addition to Comptroller's Orders, . . . . .	27,478.65
Salaries of Executive and Judiciary, . . . . .	13,750.00		\$137,326.18
Contingent expenses of government, . . . . .	12,560.97	<i>Chief Sources of Income.</i>	
Judicial expenses, . . . . .	31,494.06	Balance of last year, . . . . .	\$26,266.22
Expense of supporting State paupers, . . . . .	2,200.00	From taxes, . . . . .	97,444.10
“ superintendence of common schools, . . . . .	2,432.09	“ avails of courts, . . . . .	1,582.44
Salary of directors of State Prison, . . . . .	300.00	“ forfeited bonds, &c., . . . . .	2,348.80
Quartermaster-General's Department, . . . . .	3,392.87	“ dividends on bank stock, . . . . .	37,597.00
Trustees of the Normal School, . . . . .	2,485.31	“ miscellaneous sources, . . . . .	5,217.65
Public buildings and institutions, . . . . .	9,917.43	State Prison, . . . . .	6,000.00
			\$176,456.21

Total receipts for year ending Mar. 31, 1852, including balance of preceding year, \$176,456.21  
 Total expenditures during same period, . . . . . 137,326.18  
 Balance in Treasury, March 31, 1852, . . . . . \$39,130.03

*Banks.* — The whole number of banks in April, 1852, was 53. The following table gives the condition of

## Banks in Connecticut for Sixteen Years.

[From the Bank Commissioners' Report.]

Year.	Capital.	Circulation.	Total Liabilities.	Specie.	Loans and Discounts.	Total Resources.
1837	\$8,744,697	\$3,998,325	\$15,715,964	\$415,386	\$13,246,945	\$15,691,285
1838	8,754,467	1,920,552	12,302,631	535,447	9,769,286	12,293,372
1839	8,832,223	3,937,815	14,942,779	502,180	12,286,946	14,942,779
1840	8,878,245	2,325,589	12,950,572	499,032	10,428,630	12,950,512
1841	8,873,927	2,784,721	13,866,373	454,298	10,944,673	13,866,273
1842	8,876,317	2,555,638	13,465,052	471,238	10,693,413	13,465,052
1843	8,698,393	2,379,947	12,914,124	439,752	9,798,392	12,914,124
1844	8,292,238	3,490,963	14,472,681	455,430	10,842,955	14,472,681
1845	8,359,748	4,102,444	15,243,235	453,658	12,447,196	15,243,235
1846	8,475,630	4,563,947	15,892,685	481,367	13,032,600	15,892,685
1847	8,605,742	4,437,631	15,784,772	462,165	12,781,857	15,784,772
1848	8,726,351	4,891,265	16,808,829	517,700	13,424,653	16,808,829
1849	9,985,916	4,511,571	16,947,002	575,676	13,740,591	16,947,002
1850	9,907,503	5,253,884	19,122,209	640,622	15,607,314	19,122,209
1851	10,575,657	6,639,834	21,999,949	774,861	18,190,512	21,999,949
1852	12,509,808	7,118,625	25,226,502	825,379	20,552,494	25,226,502

*Common Schools.* — The number of towns is 146; of school societies, 217; of school districts, 1,632; of children in 1851, between four and sixteen, 94,852. The amount of dividends from the school fund for the year ending March, 1852, was \$ 132,792.80; which gives \$ 1.40 to every enumerated child. The returns in Connecticut do not give the number of teachers, or their wages, or the length of schools; but only the information indicated above. The Legislature, at the session of 1849, appropriated \$ 10,000 for the establishment of a *State Normal School*, "for the training of teachers in the art of instructing and governing the common schools of the State." This institution is placed under the control of eight trustees, appointed by the General Assembly, one from each county. The principal of the Normal School, Henry Barnard, of Hartford, is, *ex officio*, Superintendent of Common Schools, an office heretofore attached to that of Commissioner of the School Fund. The associate principal, Rev. T. D. P. Stone, has the immediate charge of the school. The number of pupils is limited to 220, to be selected one from each school society. Tuition free. The number of pupils in the school during the year 1850 was 154. There were schools of practice connected with the Normal School in 1851, containing 400 scholars, organized into three grades. Schools or conventions for training teachers were also held in each county, generally by the Superintendent of Schools.

*School Fund.* — The School Fund of this State was derived from the sale of 2,500,000 acres of land situated in the northeastern part of Ohio. This tract, with 500,000 acres more, granted to those residing on the sea-coast of this State who had suffered from the ravages of the enemy during the Revolutionary war, was acquired soon after the close of that war, in the settlement of the conflicting claims of the several members of the confederacy, and the confederacy itself, to the then unexplored and almost unknown Western wilderness. By a resolve of the General Assembly of this State at its May session, 1795, a committee was appointed to sell these lands, and in September of the same year, after numerous propositions from individuals, the committee accepted the proposition of Oliver Phelps and associates, to give the sum of \$ 1,200,000, for which the purchasers gave their individual bonds, thirty-six in number, at six per cent. interest. The avails of this sale were constituted a fund, the annual income of which, first by a legislative act, and afterwards by the constitution, was appropriated to the support of Common Schools. In May, 1810, the number of bonds had increased to about five hundred, and in May, 1818, to about two thousand, and the capital itself was estimated at \$ 1,654,185.42. This fund is now estimated to be of the value of \$ 2,049,482.32, and the number of bonds and contracts requiring supervision amounts to the number of 2,020. Thus this fund, originally only \$ 1,200,000, has, in the lapse of more than half a century, increased to the sum of \$ 2,049,482.32, all of which, except the estimated sum of \$ 59,869.10, is an active productive capital, and has in the mean time distributed to the schools of this State, from its revenue, the sum of \$ 3,983,192.28.

*State Reform School.* — At the session of the Assembly in 1851, a State Reform School was established, "for the instruction, employment, and reformation of juvenile offenders"; its government to be vested in a board of eight trustees, appointed by the Senate, one from each county in the State. Boys under the age of 16 years, convicted of offences now punishable by imprisonment, may, at the discretion of the court, be sent to this school, "to be kept, disciplined, instructed, employed, and governed, under the direction of the board of trustees," until they shall either be reformed and discharged, or bound out to service by the trustees, or remanded to prison as incorrigible. The sum of \$ 10,000 is appropriated from the State treasury for the establishment of the school, and a like sum is to be contributed by individuals.

*Births, Marriages, and Deaths.* — An act providing for the registration of births, marriages, and deaths was passed by the General Assembly in 1848. The report of the Secretary of State (May, 1852) exhibits the following results, from all except two towns. Of the deaths, 696 were under 1 year of age, 675 were between 1 and 5 years, 208 between 5 and 10, 313 between 10 and 20, 496 between 20 and 30, 358 between 30 and 40, 364 between 40 and 50, 321 between 50 and 60, 374 between 60 and 70, 330 between 70 and 80, 320 between 80 and 90, 66 between 90 and 100, and 1 was 100. The number of births in 1848 was 6,850; in 1849, 7,238; and in 1850, 7,578; — of marriages in 1848, 2,816; in 1849, 2,920; and in 1850, 2,884; — of deaths in 1848, 4,379; in 1849, 5,049; and in 1850, 5,170.

The following table gives the births, marriages, and deaths for the registration year, ending July 31, 1851.

Counties.	Population in 1850.	Births.				Marriages.					Deaths.			
		Males.	Females.	Sex not stated.	Total.	Both parties residing in State.	Husband a non-resident.	Both non-residents.	Residence unknown.	Total.	Males.	Females.	Sex not stated.	Total.
Hartford,	69,922	859	834	21	1,714	455	19	16	10	500	502	435	30	967
New Haven,	65,841	910	821	45	1,776	475	20	25	2	522	436	399	19	854
New London,	51,826	553	596	16	1,165	396	29	38	90	553	423	346	11	780
Fairfield,	59,814	640	570	48	1,258	391	16	5	15	427	356	328	19	703
Windham,	31,202	337	310	22	669	268	36	9	5	318	213	205	15	433
Litchfield,	45,287	381	349	91	821	268	20		25	313	214	175	41	430
Middlesex,	27,677	279	248	7	534	161	10	3	6	180	148	154	18	320
Tolland,	20,079	211	191	23	425	160	18	3	1	182	127	146	7	280
Grand total,	371,648	4,170	3,919	273	8,362	2,574	163	99	154	2,990	2,419	2,188	160	4,767

*Retreat for the Insane, Hartford.* — John S. Butler, M. D., Physician and Superintendent. The whole number of patients, April 1, 1851, was 157, of whom 72 were males and 85 females; 158, 68 males and 90 females, were admitted in the course of the year, making 315 in all; 140 of whom were males, and 175 females. 134 were discharged during the year, leaving in the Retreat, April 1, 1852, 181; 88 of whom were males, and 93 females. Of the 134 patients discharged, 68 were recovered, 22 improved, 22 not improved, and 22 died. The whole number admitted, from the opening of the institution, in 1824, to April 1, 1852, is 2,318. 2,137 have been discharged; of whom 1,203 have recovered, 712 have improved, and 222 have died. Of the 68 males admitted during the past year, 24 were farmers; and of the 90 females, 67 were engaged in domestic occupations. Of the 153, 70 were married, 69 single, and 19 widowed. The expenditures of the institution for the year were \$26,637.50. Amount received for support of patients, \$31,341.50.

The terms of admission are, for patients belonging to the State, with the usual accommodations, \$3.00 per week; for those belonging to other States, \$3.50 per week. For patients belonging to the State, with accommodations in the centre building, and a separate attendant, \$10.00 per week; for those belonging to other States, \$12.00 per week. No patient is admitted for a shorter term than three months, and payment for that term must be made in advance. For admission, apply to the Superintendent.

*American Asylum for the Deaf and Dumb, Hartford.* — Lewis Weld, A. M., Principal. The number of pupils for the year ending May 1, 1852, was 207; of whom 118 were males, and 89 females. Of these, 16 were supported by friends, 37 by the State of Maine, 23 by New Hampshire, 18 by Vermont, 72 by Massachusetts, 6 by Rhode Island, 29 by Connecticut, and 6 by South Carolina. The cost for each pupil for board, washing, fuel, tuition, and the incidental expenses of the school-room, is \$100 per annum. In sickness, the necessary extra charges are made. Payment must be made six months in advance, and a satisfactory bond for punctual payment will be required. Applicants for admission must be between 8 and 25 years of age, of good natural intellect, capable of forming and joining letters with a pen legibly and correctly, of good morals, and free from any contagious disease. Applications for the benefit of the legislative appropriations in Maine, New Hampshire, and Massachusetts should be made to the Secretaries of those States respectively, stating the name and age of the proposed beneficiary, and the circumstances of his parent or guardian. In the States of Rhode Island and South Carolina, they should be made to the commissioners of the funds for the education of the deaf and dumb, and in Vermont and Connecticut, to the Governor. In all cases, a certificate from two or more of the selectmen, magistrates, or other respectable inhabitants of the township or place to which the applicant belongs, should accompany the application. The time of admission is the close of the summer vacation on the third Wednesday of September.

*State Prison, Wethersfield.* — Elisha Johnson, Warden; A. S. Warner, Physician; Samuel Griewold, Chaplain. The whole number of convicts, March 31, 1851, was 158. During the year ending March 31, 1852, 60 were received, and 47 discharged; leaving in confinement, 171. 37 were discharged by expiration of sentence, 2 were pardoned, and 8 have died. Of those remaining in prison, 158 are males (116 white, and 42 colored), and 13 are females (10 white, and 3 colored). The males are employed in making cabinet-work, cutlery, and shoes; and the females in washing, cooking, making and mending clothing, and binding boots. A small library was purchased for the use of the prisoners, under the resolve of the General Assembly of 1847, and instruction in the rudiments of learning has been given them. There is also a Sunday school connected with the prison. The receipts for the year were \$15,083.12; the expenditure \$10,901.87.

## VII. NEW YORK.

### *Government for the Year 1853.*

			Salary.
HORATIO SEYMOUR, of Lockport,	<i>Governor</i> (term ends Dec. 31, 1854),		\$4,000
Sanford E. Church, of Orleans,	<i>Lieutenant-Governor</i> ,		\$6 a day.
Henry S. Randall, of Cortland Village,	<i>Sec. State &amp; Sup't Com. Schools</i> ,		2,500
James M. Cook, of Ballston,	<i>Comptroller</i> ,		2,500
Alvah Hunt, of Oxford,	<i>Treasurer</i> ,		1,500
Levi S. Chatfield, of Laurens,	<i>Attorney-General</i> ,		2,000
Wm. J. M'Alpine, of Albany,	<i>State Engineer and Surveyor</i> ,		2,500
L. Ward Smith, of Albany,	<i>Adjutant-General</i> ,		1,000
Daniel Lee, of New York,	<i>Commissary-General</i> ,		700
R. H. Pruyn, of Albany,	<i>Judge-Advocate General</i> ,		150
Daniel B. St. John, of Albany,	<i>Sup't of Banking Department</i> ,		2,500
Edward Hand, of Albany,	<i>Deputy Superintendent</i> ,		1,500
Frederic Follett, of Batavia,	<i>Canal Commissioner</i> ,		1,700
John C. Mather, of Troy,	" "		1,700
Henry Fitzhugh, of Oswego,	" "		1,700
Darius Clark, of Canton,	<i>Inspector of State Prisons</i> ,		1,600
William P. Angel, of Ellicotville,	" "		1,600
Henry Storms, of New York,	" "		1,600
Nelson J. Beach, of Utica,	} <i>Canal Appraisers</i> ,	{ \$4 a day, and 5 cents a mile for travel, each.	
Samuel J. Wilkin, of Goshen,			
Andrew H. Calhoun, of Ithaca,			
Archibald Campbell, of Albany,	<i>Dep. Sec. of State &amp; Clerk of</i> <i>Comm'rs of the Land-Office</i> ,		1,500
Philip Phelps, of Albany,	<i>Dep. Comptroller</i> ,		1,500
Lockwood L. Doty, of Albany,	<i>Dep. Treasurer</i> ,		1,300
George W. Newell, of Albany,	<i>Auditor of Canal Department</i> ,		1,500
Henry S. Johnson, of Ithaca,	<i>Dep. Sup't of Common Schools</i> ,		1,000
Alfred B. Street, of Albany,	<i>State Librarian</i> ,		600
Elisha W. Skinner, of Albany,	<i>Assist. "</i>		600
James F. Ruggles, of Albany,	<i>Private Secretary of Governor</i> ,		600
Jonas C. Heartt, of Troy,	<i>Speaker of the House</i> ,		\$4.00 a day.

*Legislature.*

The *Senate* consists of thirty-two members, who are elected for two years, one from each senatorial district. The *Assembly* consists of one hundred and twenty-eight members, elected annually. The pay of Senators and Representatives is \$3 per day, and \$1 for every 10 miles' travel.

**JUDICIARY.****1. Court for the Trial of Impeachments.**

This court is composed of the President of the Senate (who is president of the court, and when absent the chief judge of the Court of Appeals presides), the Senators, or the major part of them, and the judges of the Court of Appeals, or the greater part of them. It is a court of record, and, when summoned, meets at Albany, and has for its clerk and officers the clerk and officers of the Senate. If the Governor is impeached, the Lieutenant-Governor cannot act as a member of the court. Two thirds of the members present must concur for conviction. The judgment of the court extends only to removals from or disqualifications for office, or both; the party being still liable to indictment.

**2. The Court of Appeals.**

This court has full power to correct and reverse all proceedings and decisions of the Supreme Court, or of the old Supreme Court and Court of Chancery. It is composed of eight judges, of whom four are elected (one every second year) by the people at large, for eight years, and four selected each year from the justices of the Supreme Court having the shortest time to serve. These selections are made alternately from the first, third, fifth, and seventh, and from the second, fourth, sixth, and eighth judicial districts. The judge (of the four chosen at large) whose term first expires presides as chief judge. Six judges constitute a quorum. Every cause must be decided within the year in which it is argued, and, unless re-argued, before the close of the term after the argument. Four terms must be held each year, and every two years there must be one term in each judicial district. Each judge has a salary of \$2,500 per annum. The court for 1852 is thus constituted:—

<i>Chosen by the People at Large.</i>			<i>Term expires.</i>
Charles H. Ruggles;	of Poughkeepsie,	<i>Chief Judge,</i>	Dec. 31, 1853.
Addison Gardiner,	of Rochester,		" 1855.
Freeborn G. Jewett,	of Skaneateles,		" 1857.
Alexander S. Johnson,	of New York,		" 1859.

*Selected from the Justices of the Supreme Court to serve until Dec. 31, 1853.*

Nathan B. Morse, of Brooklyn, John Willard, of Saratoga Springs.  
Charles Mason, of Hamilton, Moses Taggart, of Buffalo.

Henry R. Selden, of Rochester, *State Reporter.* Salary, \$2,000.

Charles S. Benton, of Albany, *Clerk.* Salary, \$2,000.

**3. Supreme and Circuit Courts.**

The Supreme Court has general jurisdiction in law and equity, and power to review judgments of the County Courts, and of the old Courts of Com-

mon Pleas. For the election of the justices, the State is divided into eight judicial districts, each of which elects four to serve eight years, with an annual salary of \$2,500. In each district one justice goes out of office every two years. The justice in each district whose term first expires, and who is not a judge of the Court of Appeals, is a presiding justice of the court, and the clerks of the several counties serve as clerks. At least four general terms of the Supreme Court are held in each district every year. Every county has each year at least one special term, and two Circuit Courts. Any three or more of the justices (including one presiding justice) hold the general terms; and any one or more hold the special terms, at which are heard all equity cases, and Circuit Courts, which are held exclusively for the trial of issues of fact.

*Justices of the Supreme and Circuit Courts.*

Justices.	Residence.	Term expires.	Justices.	Residence.	Term expires.
<i>First District.</i>			<i>Fifth District.</i>		
J. W. Edmonds,	New York,	Dec. 31, 1853	Philo Gridley,	Utica,	Dec. 31, 1853.
Hen. P. Edwards,	New York,	" 1855	Wm. F. Allen,	Oswego,	" 1855.
Wm. Mitchell,	New York,	" 1857.	Fred. W. Hubbard,	Watertown,	" 1857.
James J. Roosevelt,	New York,	" 1859.	Daniel Pratt,	Syracuse,	" 1859
<i>Second District.</i>			<i>Sixth District.</i>		
Nathan B. Morse,	Brooklyn,	" 1853.	Charles Mason,	Hamilton,	" 1853.
Seward Barculo,	Poughkeepsie,	" 1855.	Schuyler Crippen,	Cooperstown,	" 1855.
John W. Brown,	Newburg,	" 1857.	W. H. Shankland,	Ithaca,	" 1857.
Selah B. Strong,	Setauket,	" 1859.	Hiram Gray,	Elmira,	" 1859.
<i>Third District.</i>			<i>Seventh District.</i>		
Malbone Watson,	Catskill,	" 1853.	Henry Welles,	Penn Yan,	" 1853.
Amasa J. Parker,	Albany,	" 1855.	Samuel L. Seldon,	Rochester,	" 1855.
W. B. Wright,	Monticello,	" 1857.	Thomas A. Johnson,	Corning,	" 1857.
Ira Harris,	Albany,	" 1859.	Theron R. Strong,	Palmyra,	" 1859.
<i>Fourth District.</i>			<i>Eighth District.</i>		
John Willard,	Sarat. Springs,	" 1853.	Moses Taggart,	Batavia,	" 1853.
Augus. C. Hand,	Elizabethtown,	" 1855.	Rich. P. Marvin,	Jamestown,	" 1855.
Daniel Cady,	Johnstown,	" 1857.	James G. Hoyt,	Buffalo,	" 1857.
Cornelius L. Allen,	Salem,	" 1859.	James Mullett,	Buffalo,	" 1859.

*4. County or Surrogates' Courts.*

When the real estate, or all the defendants, or all the parties interested, are in the county, the jurisdiction of the County Courts extends to actions of debt, assumpsit, and covenant, when the debt or damages claimed are not above \$2,000; to actions for injury to the person or trespass upon property, where the damages are not above \$500; and to replevin suits, where the property claimed is not above \$1,000. They have equity jurisdiction for the foreclosure of mortgages; for the sale of the real estate of infants; for partition of lands; for admeasurement of dower; for the satisfaction of judgments where above \$75 is due on an unsatisfied execution; and for the care and custody of lunatics and habitual drunkards. The Surrogates' Courts have the ordinary jurisdiction of courts of probate.

*5. Criminal Courts.*

These are the Courts of Oyer and Terminer and the Court of Sessions. The Courts of Oyer and Terminer, in each county, except in the city and

county of New York, are composed of a justice of the Supreme Court, who presides, the county judge, and the two justices of the peace chosen members of the Court of Sessions. The presiding justice and any two of the others form a quorum. In the city and county of New York, they are composed of a justice of the Supreme Court, who presides, and any two of the following officers: judges of the Court of Common Pleas of the city and county; the mayor, recorder, and aldermen of said city. These courts are all held at the same time and place at which the Circuit Courts are held. Courts of Sessions are composed of the county judge and the two justices of the peace designated as members of the Court of Sessions, and are held at the same time and place as the County Courts.

### 6. Courts of New York City and County.

#### Superior Court.

Judges.	Salary.	Term expires.	Judges.	Salary.	Term expires.
Robert Emmet,	\$3,500	Dec. 31, 1853.	John Duer,*	\$3,500	Dec. 31, 1853.
Elijah Paine,	"	" 1855.	Wm. W. Campbell,	"	" 1855.
Thomas J. Oakley,	"	" 1857.	J. L. Mason,	"	" 1857.

D. R. Floyd Jones, *Clerk*.

#### Common Pleas.

Charles P. Daly,	\$3,000,	Dec. 31, 1853.	Daniel P. Ingraham,	\$3,000	Dec. 31, 1857.
Lewis B. Woodruff,	"	" 1855.	James Conner,	<i>Clerk</i> .	

Alex. W. Bradford, *Surrogate*. Salary, \$3,000. Term expires Dec. 31, 1855.

Garret Dyckman, *Register*.

#### Marine Court.†

Edward E. Cowles, <i>Judge</i> .	Salary,	\$2,000.	Term expires	2d Tuesday in May, 1853.
James Lynch,	"	"	"	"

#### Recorder.

Francis R. Tillou,

#### City Judge.

Welcome R. Beebe.

**Education.** — The amount of capital and annual revenue of the several funds appropriated to the purposes of education, for the year ending September 30, 1851, was as follows: —

	Capital.	Revenue.
Common School Fund,	\$2,325,449.72	\$434,533.22
United States Deposit Fund,	4,014,520.71	258,705.02
Literature Fund,	272,880.12	54,533.77
	<u>\$6,612,850.55</u>	<u>\$747,772.01</u>

**Common Schools.** — Of the funds devoted to education, what was exclusively the Common School Fund in 1850 may be stated as follows: —

Productive capital of the School Fund,	\$2,290,673.33
Amount from United States Deposit Fund which will produce \$165,000, the sum annually appropriated therefrom, for the support of Common Schools, at six per cent. interest,	2,750,000.00
Sum reserved by the constitution to be added annually to the capital of the School Fund,	25,000.00
Making a total of	<u>\$5,065,673.33</u>

\* Judges Mason, Duer, and Campbell attend only to suits transferred from the Supreme Court, which court is empowered to transfer pending suits, by order, to the Superior Court.

† Albert A. Thompson, Alfred A. Phillips, and Florence McCarthy are elected judges of this court from May, 1853.



The annual interest on this sum, at six per cent., is \$303,340.39. The balance of the income of the United States Deposit Fund is appropriated to the support of Colleges, Academies, the Normal School, Indian Schools, Teachers' Institutes, &c. The income of the Literature Fund must, by the constitution, be applied to the support of Academies.

The whole amount of public money received from all sources by the Commissioners of cities, and town Superintendents, during the year ending July 1, 1851, was \$1,052,923.70. Apportioned for teachers' wages, \$854,422.33; for libraries, \$95,698.50. Leaving a balance apportioned for contingent expenses of \$102,802.87. The amount paid for teachers' wages, besides public money, was \$522,786.07. Aggregate expenditures for school purposes during the year, \$1,884,826.16.

*Statistics of the Common Schools for the Year ending July 1, 1851.* Whole number of districts, the school-houses of which are situated within the town, 11,479. Number of whole districts in the State, 8,507. Number of parts of districts, 5,651. Returns were received from 8,318 whole and 5,524 parts of districts. Average length of schools in all the districts, 7.17 months. Volumes in district libraries, 1,507,077. 800,430 children were taught during the year. 753,047 were returned between 5 and 16 years of age. 196,561 pupils attended school less than 2 months; 212,573 attended 2 months and less than 4; 170,005, 4 and less than 6; 110,981, 6 and less than 8; 59,962, 8 and less than 10; 43,306, 10 and less than 12; and 7,037 attended school for 12 months. There are 5,305 colored children between 5 and 16 in the 105 colored schools. \$829.14 of public money were appropriated to these schools, and, besides public money, \$1,923.25 were paid for teachers' wages. Number of incorporated, select, and private schools in the districts, 2,277. Number of pupils therein, 45,840. There are, besides, schools for the instruction of Indian children in the several reservations. About 250 attend the Normal School annually, from all sections of the State. Jan. 1, 1851, there were 226 pupils in the school, 77 males and 149 females. The whole number of graduates is 494, 276 males and 218 females. In this school the past year nine Indian youth, 6 males and 3 females, were taught, to prepare them for teachers among their own people. There has been a diminished interest in regard to teachers' institutes.

#### FINANCES.

*Debt of the State.*—The general fund and railroad debt, at the close of the fiscal year ending September 30, 1851, was \$6,339,693.32, and the canal debt at the same period was \$15,301,109.16; making an aggregate of \$21,690,802.48,—on which accrues, annually, nearly \$1,230,000 interest. There is also a contingent debt, consisting of State stock and comptroller's bonds, of \$933,036.13, upon which the State does not pay interest. This will make the total indebtedness of the State \$22,623,838.61.

The property of the State, in addition to the educational funds mentioned above, consists of the works of internal improvement, which, at their *cost* valuation (i. e. the amount expended upon them to date), are worth \$35,115,237.75. But the whole amount of tolls derived from them during the year was \$3,254,051.71,—which gave, after deducting expenses, the *net* income of \$2,650,206.49. This is six per cent. interest upon \$44,170,108, which may be taken as the worth of the works of the State. The average *net* annual income for the last five years is \$2,518,044.87, which is equal to a capital of \$41,967,414.50, at six per cent. interest. The amount of debt incurred for their construction, and yet unpaid, is, as stated above, \$15,301,109.16. The taxable property of New York, in 1848, was \$727,494,583.26, being \$571,690,807, the assessed value of 27,912,076 acres of real estate, and \$153,183,486 of personal estate. The State and county taxes were \$4,892,051.51; the town taxes, \$1,420,735.82. Total taxation, \$6,312,787.33,—making the rate of State, county, and town taxes, 8.6 mills on a \$1.00 valuation. The highest rate was 25.7 mills on \$1.00, in Hamilton County; the lowest 3.1 mills, in Ontario and Putnam Counties.

#### *General Fund, on which are charged the ordinary Expenses of Government.*

Revenue for the year ending September 30, 1851, . . . . .	\$925,836.10
Expenditures for the same period, . . . . .	910,082.23
Surplus of revenue on hand, Sept. 30, 1851, . . . . .	\$15,753.87
Surplus on hand, Sept. 30, 1852, . . . . .	54,521.29
Ordinary expenditures for 1851 exceeded receipts, . . . . .	\$38,767.41

*Chief Sources of Income.*

Auction duty, . . . . .	\$ 102,567.02	Courts-martial, . . . . .	1,556.50
Salt duty, . . . . .	45,458.58	Fugitives from justice, . . . . .	3,231.78
Fees of Secretary's office, . . . . .	2,371.24	Apprehension of criminals, . . . . .	1,392.15
Peddlers' licenses, . . . . .	1,875.00	State Normal School, Indian youth, . . . . .	1,236.55
Foreign insurance companies, . . . . .	479.47	Reformation of juvenile delinquents, . . . . .	8,000.00
Surplus revenue of canals, annual appropriation, . . . . .	200,000.00	County taxes, redemptions, . . . . .	93,694.35
State tax, . . . . .	320,165.87	County Treasurers, . . . . .	24,894.55
Sales of land, . . . . .	5,080.61	State printing, . . . . .	121,443.24
Redemption of land sold for taxes, . . . . .	102,430.99	Deaf and dumb, . . . . .	25,800.00
Arrears of county taxes, . . . . .	27,719.35	Blind, . . . . .	12,361.19
Interest on arrears of county taxes, . . . . .	4,437.81	Agricultural societies, . . . . .	7,358.00
Military to aid Sheriffs, . . . . .	500.00	Onondaga Salt Springs, . . . . .	30,000.00
Banking Department, . . . . .	21,517.57	State Prisons, . . . . .	68,010.13
Miscellaneous receipts, . . . . .	11,324.42	State Library, . . . . .	5,949.98
		Postage, . . . . .	3,665.87
		Hospital, New York, . . . . .	22,500.00
		House of Refuge for Western N. Y., . . . . .	18,000.00
		Foreign poor, . . . . .	20,000.00
		Orphan Asylums in State, . . . . .	5,500.00
		New York Arsenals, . . . . .	2,002.32
		Geological survey, . . . . .	898.74
		Miscellaneous, . . . . .	54,660.74

*Principal Items of Expenditure.*

Executive, . . . . .	\$ 57,985.11		
Judiciary, . . . . .	99,076.81		
Legislature, . . . . .	130,787.71		
Commissary's department, . . . . .	15,315.01		

*Bank Fund.*—This fund was made up by annual contributions from the incorporated safety-fund banks, of one half of one per cent. on their respective capitals, and was by law appropriated to the payment of the debts of such banks, liable to contribute the same, as should become insolvent. The fund has been exhausted, and there are \$721,330.11 of six per cent. stock now outstanding, to meet the wants of the fund, — which stock, except \$59,450.54 now in the treasury, or invested, is to be provided for out of the future contributions by the banks to the fund. The whole *circulation* redeemed for insolvent banks is \$1,503,740.64; debts paid, \$1,028,634.43; making a total of \$2,536,425.07 that has been charged upon the bank fund. The aggregate amount of contributions from the incorporated banks due the State up to Jan. 1, 1866, when all their charters expire, is \$994,225.60. The notes of every insolvent safety-fund bank which has failed have been redeemed. There are now 71 of these incorporated banks in operation, and one branch, whose aggregate capital, Dec. 30, 1851, amounts to \$27,168,260. Circulation to which they are entitled, \$21,764,370. Actual circulation, \$19,862,602.

*Free Banks.*—The Free Bank Fund consists of bonds and mortgages, and stocks deposited with the Comptroller, and moneys received on the same and held by him, for the redemption of the circulating notes issued by banks and individual bankers, under the General Banking Law. The whole number of associations is 95, of individual bankers, 77; in all, 172, whose aggregate circulation, Dec. 1, 1851, was \$15,671,004, and whose whole amount of securities deposited was \$16,822,714.85. Thirty-seven banking associations and individual bankers deposited securities and commenced business during the year 1851.

*Institution for the Deaf and Dumb, New York.*—Number of pupils Dec. 31, 1850, 227; 128 males, 99 females. Of these 160 were supported by New York; 16 by the city of New York; 13 by New Jersey; 24 by their friends; 1 by the Commissioners of Emigration; and 12 by the Institution. The time of admission is the first Wednesday in September; terms, \$130 *per annum* for each pupil, clothing and travelling expenses excepted, to be paid semi-annually in advance, and satisfactory security for punctual payment of bills and clothing, which, if desired, is furnished by the Institution at an additional charge of \$30 a year. The receipts of the Institution from all sources for the year were \$39,216.39. Expenditures, \$39,432.98. Due the treasurer, \$266.59.

*Institution for the Blind, New York.*—For the year 1849 there were 135 pupils, of whom 32 had passed through the usual course at the Institution, and supported themselves there by various employments connected with it. 90 are supported by New York; 5 by New Jersey; 5 by friends; 2 by the Commissioners of Emigration; and 1 by the Institution. Recei-

during the year 1849, \$30,117.85. Expenditures, \$28,451.19. Balance in favor of the Institution, \$1,666.66.

*State Prisons*, at Sing Sing, Auburn, and Clinton. — The whole number of convicts in these prisons, Dec. 31, 1850, was 1,611. Received during the year 658; discharged during the year by expiration of sentence 400; by death by disease 34; by escape 5; by pardon 107; by habeas corpus 2; to Lunatic Asylum 7; in all 555. Remaining in prison Dec. 1, 1851, 1,714.

Of the 658 admitted, 566 males and 35 females were 1st convictions; 39 males and 3 females were 2d; 14 males were 3d; and 1 was 4th conviction. The daily average of all the three prisons was 1,662. There were 75 female convicts in Sing Sing at the end of the year. Whole number of punishments in all the prisons, 617; being 4 more than the previous year. In Auburn they average 1 in 24; in Sing Sing 1 in 30; and in Clinton, 1 in 24. The punishments were the shower-bath, cropping the hair, confinement in a dark cell, yoking and wearing ball and chain. The inspectors say, "The use of the shower-bath has been found a salutary corrective, and another year's experience confirms our previous impressions, that its effects upon the physical system are harmless in all cases, while in some they have proved truly beneficial." The average cost of each daily ration at Sing Sing was 8.625 cents; at Auburn 7.875 cents; and at Clinton 8.5 cents. At the Auburn prison the receipts were \$78,764.56. Expenditures, \$88,546.00. Excess of expenditures, \$9,781.44. The average daily earnings of each convict were 29 cents; the expenses 26.6 cents. At Sing Sing the receipts were \$87,135.83. Expenditures, \$79,506.82. Balance in cash, \$7,629.01. At Clinton, receipts, \$25,864.10. Expenditures, \$25,958.13. Deficiency, \$94.03.

*State Lunatic Asylum, Utica.* — The whole number of patients admitted from the opening of the hospital to Dec. 1, 1850, was 2,376. The whole number discharged was 1,927; of whom 1,017 were recovered; 419 improved; 222 unimproved; and 269 died. Of the 2,376 1,209 were men, and 1,167 women; 1,119 were married, and 1,113 were single; 101 were widows, and 43 widowers. 1,635 were natives of New York. At the close of the year ending Nov. 30, 1849, there were in the asylum 495 patients; 241 men, and 254 women. There were admitted during the year 362; 192 men, and 170 women. There were discharged, recovered, 203 (113 men, and 90 women); improved, 66 (37 men, and 29 women); unimproved, 70 (22 males, 48 females); died 69 (35 males, and 34 females); in all 408; leaving in the asylum, Nov. 30, 1849, 449 (226 males, and 223 females).

*Criminal Statistics.* — The number of convictions in courts of record in the year 1849 was 1,531, of which 1,437 were of males and 94 of females; offences against the person, 397 (males 385, females 12); offences against property, with violence, 150 (males 146, females 4); offences against property, without violence, 545 (males 500, females 45); offences against the currency, 37 (all males); other offences, 404 (males 371, females 33). The ratio of convictions of females to those of males is 1 to 15.187. Upon the convictions 4 were sentenced to be hung; 545 to the State prison; 51 to House of Refuge; 299 to the local prison; 32 to be fined and imprisoned; 567 to be fined; and the sentences of 33 were suspended.

## VIII. NEW JERSEY.

### *Government for the Year 1853.*

		Term expires.	Salary.
GEORGE F. FORT, of New Egypt, Ocean Co., <i>Governor</i> , January, 1854,			
			\$1,800 and Fees.
Thomas S. Allison,	of Trenton,	<i>Secretary of State</i> ,	1856, Fees.
R. M. Smith,	of Hightstown,	<i>Treasurer</i> ,	1852, 1,000
John H. Phillips,	of Pennington,	<i>Superintendent of Public Schools</i> ,	500
John Manners,	of Hunterdon Co.,	<i>Pres. of the Senate</i> ,	\$4.00 a day.
John Huyler,	of Bergen Co.,	<i>Speaker of the Assembly</i> ,	4.00 a day.
Samuel A. Allen,	of Salem Co.,	<i>Clerk of the Senate</i> ,	3.50 a day.
David Naar,	of Essex Co.,	<i>Clerk of the Assembly</i> ,	3.50 a day.

## JUDICIARY.

*Court of Errors and Appeals.*

This court is composed of the Chancellor, the judges of the Supreme Court, and six other judges appointed by the Governor, with the consent of the Senate, who hold office for six years, one judge vacating his seat each year in rotation. The court holds stated terms at Trenton, on the second Tuesday in March, and third Tuesday in June and November. The Governor, Chancellor, and the six judges of the Court of Errors and Appeals, constitute the pardoning power. A major part of them, of whom the Governor shall be one, may remit fines and forfeitures, and grant pardons, after conviction, in all cases except impeachment.

			Term expires.
Ferdinand S. Schenck,	of Somerset Co.,	<i>Judge,</i>	1853.
Caleb H. Valentine,	of Warren Co.,	"	1854.
Moses Wills,	of Burlington Co.,	"	1855.
Joseph L. Risley,	of Salem Co.,	"	1856.
John M. Cornelison,	of Hudson Co.,	"	1857.
Thomas Arrowsmith,	of Monmouth Co.,	"	1858.

*Court of Chancery.*

The Chancellor is appointed by the Governor, with the consent of the Senate, for seven years. This court holds three terms annually at Trenton, on the first Tuesday in February, and third Tuesday in May and October.

		Term expires.	Salary.
Benj. Williamson,	of Elizabethtown, <i>Chancellor,</i>	1859,	\$1,800 and fees.
Daniel B. Bodine,	of Trenton, <i>Clerk,</i>	1856,	Fees.

*Supreme Court.*

The judges are appointed by the Governor, with the consent of the Senate, for seven years. This court holds three terms each year at Trenton, on the fourth Tuesday in February, and the first Tuesday in June and November; and the judges of this court hold Circuit Courts and Courts of Oyer and Terminer three times a year in each county, except the counties of Atlantic and Cape May, in which only two terms are held. Courts of Common Pleas are held three times a year in each county, by judges appointed by the Legislature for five years, who receive fees, but no salary, and the number of whom is limited to five in each county.

			Term expires.	Salary.
Henry W. Green,	of Trenton,	<i>Chief Justice,</i>	1853,	\$1,500 and fees.
Elias B. D. Ogden,	of Paterson,	<i>Associate Justice,</i>	1855,	1,400 and fees.
Daniel Haines,	of Hamburg,	"	1859,	1,400 and fees.
Stacy G. Potts,	of Trenton,	"	1859,	1,400 and fees.
Lucius Q. C. Elmer,	of Bridgeton,	"	1859,	1,400 and fees.
Rich. P. Thomson,	of Salem,	<i>Attorney-General,</i>	1857,	80 and fees.
William M. Ford,	of Trenton,	<i>Clerk,</i>	1857,	Fees.
A. O. Zabriskie,	of Trenton,	<i>Reporter,</i>		\$ 200

## FINANCES.

Balance on hand, January 1, 1851, . . . . .	\$ 13,002.30
Whole amount received in 1851, . . . . .	169,166.20
	<u>\$ 182,168.50</u>
Whole amount expended, . . . . .	180,614.74
Balance in Treasury, January 1, 1852, . . . . .	<u>\$ 1,553.76</u>

<i>Prin. Items of Expenditure to Jan. 1, 1852.</i>	Library, . . . . .	1,333.97
Support of deaf, dumb, and blind, \$ 5,207.21	Incidental account, . . . . .	8,230.07
Salaries of Executive and Judiciary, 15,506.33	<i>Chief Sources of Income to Jan. 1, 1852.</i>	
State Prison, . . . . . 8,871.20	Transit duties on railroads and ca-	
Transportation of prisoners and costs, 7,972.97	nals, . . . . .	\$ 86,698.20
Legislature, . . . . . 19,723.91	Dividends on stock of railroads and	
Court of Errors and Appeals, . . . . . 1,862.60	canals, . . . . .	30,000.00
Printing, . . . . . 5,823.39	Taxes on railroad stock, . . . . .	12,665.00
Pensions, . . . . . 1,340.00	Interest on bonds of Camden and	
Commissioners for House of Refuge, 11,011.25	Amboy Railroad, . . . . .	3,720.00
Managers of Lunatic Asylum, . . . . . 13,233.00	State Prison surplus earnings, . . . . .	5,000.00
Special loan, . . . . . 32,000.00	Peddlers' licenses, . . . . .	1,073.00
Public Schools, . . . . . 40,000.00	Special loan, . . . . .	30,000.00

<i>State Debt.</i> — The whole amount of the absolute debt of the State is . . . . .	\$ 71,346.07
Annual interest upon absolute debt, . . . . .	4,280.76
The value of the productive property owned by the State, in 1852, was . . . . .	279,540.07
The value of the State property not now productive, consisting of the surplus revenue lent to the counties without interest, . . . . .	764,670.60
Whole amount of School Fund owned by the State, . . . . .	\$ 385,153.25
Of this, there is unavailable the sum of . . . . .	11,169.85
Total available School Fund, . . . . .	<u>\$ 373,983.40</u>

*Common Schools, Year ending December, 1851.* — Number of townships in the State, 182; number of townships making returns, 172; number of districts in those townships, 1,612; returns received from 1,538. Children between 5 and 16, 145,629; children attending school less than 4 months, 16,139; more than 4 but less than 8 months, 19,205; more than 8 but less than 12, 11,901; colored children taught, 1,649; whole number of children taught, 88,810. Average length of schools in months, 8½; average price of tuition per quarter to each pupil, \$ 2.00; appropriated or received for school purposes, \$ 250,859.51; expended for same, \$ 119,869.48.

*Banks, January 1, 1852.* — There are 26 banks, but returns were received but from 24. In the 24 banks: — capital, \$ 3,800,667.50; circulation, \$ 2,359,012.68; deposits, \$ 2,359,462.18; due other banks, \$ 348,050.38; surplus, \$ 637,771.94; discounts and bills receivable, \$ 6,765,772.18; due from other banks, \$ 1,654,860.19; specie, \$ 664,454.37; real estate, \$ 249,903.92; bonds and mortgages, &c., \$ 218,098.75. Suspense account, \$ 11,187.95. State tax, \$ 18,700.96.

A general banking law was passed February 27, 1850. Under its provisions 15 banks have been organized. Capital, \$ 1,119,200. Registered notes received from Treasurer, \$ 914,532. Registered notes in circulation, \$ 722,895. Bills returned and cancelled, \$ 149,209. Specie, \$ 78,267.83. Stocks assigned to Treasurer, \$ 825,695.29. Bills receivable, loans, and discounts, \$ 409,601.79.

*State Lunatic Asylum, Trenton.* — H. A. Buttolph, M. D., Superintendent. The Asylum was opened for the admission of patients May 15, 1848, although the building was not then entirely completed. January 1, 1851, there were in the Asylum 126 patients (86 males and 76 females). Received during the year, 102 (50 males and 52 females); 93 were discharged; leaving, January 1, 1852, 171 (85 males and 86 females). There were under treatment during the year, 264; of whom 73 were paupers, 113 indigent, and 78 private patients. Of the 93 discharged, 37 (22 males and 15 females) were recovered; 39 (22 males and 17 females) were improved; 80 were stationary; and 8 (4 males and 4 females) died. The expenses of the Asylum for the year were \$ 27,170.21. The receipts, \$ 22,076. The deficiency was met by an appropriation of \$ 5,070.

Terms.—Board per week for those supported at public charge, \$2; for those supported by friends, \$3 and upwards, according to the nature of the case and their ability to pay. A bond is required in the penal sum of \$500, to pay all charges for board, &c., and also to pay not exceeding \$50 for such damages to the property of the Asylum as may be done by the patient.

*State Prison, Trenton.*—Wm. B. Vanderveer, Keeper. Number of prisoners, December 31, 1850, 210; received during the year, 122; total, 332. Discharged during the year, by expiration of sentence, 80; by pardon, 41; by death, 3; and 1 escaped; in all, 125. Remaining in prison, December 31, 1851, 207; white males, 146, and females, 3; colored males, 51, and females, 7. 5 were committed for manslaughter, 9 for murder in the second degree, 11 for rape, 5 for forgery, 22 for burglary, 40 for larceny, 42 for violent assaults, and 11 for passing counterfeit notes. 92 were natives of New Jersey, 23 of New York, 23 of Pennsylvania, and 54 were foreigners. The longest sentence is for 20 years, and 2 are under that sentence; 3 are fourth-comers. Earnings of the prison, \$18,698.52. Expenses, \$11,857.78. Balance paid the State, \$6,840.74.

*House of Refuge.*—Thomas Lavender, Samuel McClung, and Charles Steadman were appointed commissioners to build the House of Refuge under the act of February 23, 1850. They placed the institution in Kingston, Middlesex Co.; the buildings were commenced, but after expending thereon \$20,331.41, further operations were discontinued.

## IX. PENNSYLVANIA.

### *Government for the Year 1853.*

	Term expires.	Salary.
WILLIAM BIGLER, of Clearfield Co., <i>Governor</i> ,	January, 1855,	\$ 3,000
FRANCIS W. HUGHES, of Schuylkill Co., <i>Sec. of State &amp; Sup. Com. Schools</i> ,		1,700
E. S. GOODRICH, of Bradford Co., <i>Deputy Secretary of State</i> ,		1,200
JOHN M. BICKEL, of Schuylkill Co., <i>State Treasurer</i> ,		1,700
EPHRAIM BANKS, of Mifflin Co., <i>Auditor-General</i> ,	May, 1854,	1,700
J. PORTER BRAWLEY, of Crawford Co., <i>Surveyor-General</i> ,	" "	1,400
THOMAS J. REHRER, of Berks Co., <i>Dep'y Surveyor-General</i> ,	" "	1,000
JAMES KEENAN, of Westmoreland, <i>Adjutant-General</i> ,	Jan., 1855,	300
CHRISTIAN MYERS, of Clarion Co., <i>Speaker of the Senate</i> ,	" 1853.	
JOHN S. RILEY, of Armstrong Co., <i>Speaker of the House</i> ,	" "	
W. T. MORRISON, <i>Pres.</i> , of Montgomery Co.,	" 1854,	} \$ 4 a day.
Seth Clover, of Clarion Co.,	" 1855,	
William Hopkins, of ———,	" 1856,	

### JUDICIARY.

By the amended Constitution, all judges are now elected by the people. The judges of the Supreme Court are chosen at large, and for a term of fifteen years. The one having the shortest term to serve is chief justice. The resident judges of the several Courts of Common Pleas and other courts of record, and all other judges required to be learned in the law, are elected by the electors of the districts over which they are to preside, and for a term of ten years. The associate justices of the Common Pleas hold their offices for five years. All judges hold office for their term during good behavior. For reasonable cause, though not sufficient grounds for impeachment, the Governor may remove them upon the address of two thirds of

each branch of the Legislature. Any vacancy among the judges arising from any cause, is filled by appointment by the Governor, the incumbent holding office until the first Monday in December succeeding the next subsequent general election. During their continuance in office the judges of the Supreme Court must reside within the Commonwealth, and the other judges in the district or county for which they were elected.

The District Courts are invested with the civil jurisdiction of the Common Pleas in their respective districts, in all cases exceeding a certain amount.

#### Supreme Court.

	Term expires.	Salary.
Jeremiah S. Black, of Somerset Co., <i>Chief Justice</i> ,	Nov. 17, 1854,	\$1,600.00
Ellis Lewis, of Lancaster, <i>Associate Justice</i> ,	" 1857,	1,600.00
John B. Gibson, of Carlisle, " "	" 1860,	1,600.00
Walter H. Lowrie, of Alleghany, " "	" 1863,	1,600.00
Geo. W. Woodard, of Luzerne Co., " "	" 1866,	1,600.00
James Campbell, of Philadelphia, <i>Attorney-General</i> ,	1855,	300 & fees.
George W. Harris, of Dauphin Co., <i>Reporter of Supreme Court Decisions</i> ,	[July, 1855,	Fees.
Joseph S. Cohen, <i>Prothonotary for the Eastern District</i> ,	"	"
Wm. McCandless, " " <i>Western</i>	"	"
P. C. Sedgwick, " " <i>Middle</i>	"	"
Charles P. Pleasants, " " <i>Northern</i>	"	"

#### District Court for the City and County of Philadelphia.

	Term expires.	Salary.
George Sharswood, <i>President</i> ,	Dec., 1861,	\$2,500
George M. Stroud, <i>Associate</i> ,	"	2,500
J. J. Clark Hare, "	"	2,500

#### District Court for the County of Allegheny.

	Term expires.	Salary.
Walter Forward, <i>President</i> ,	Dec., 1861,	2,000
Henry W. Williams, <i>Associate</i> ,	"	2,000

#### Courts of Common Pleas.

For the sessions of this court, the State was formerly divided into 21 districts. In 1850, the number of districts was increased to 24. The following is a list of the judges.

Districts.	President Judges.	Salary.
1. Philadelphia, . . . . .	Oswald Thompson,	\$2,000
	<i>Associate Judges</i> , Joseph Allison, Wm. D. Kelley, each	2,000
2. Lancaster, . . . . .	Henry D. Long,	1,600
3. Northampton and Lehigh, . . . . .	Washington McCastney,	1,600
4. Tioga, Potter, McKean, and Elk, . . . . .	Robert G. White,	1,600
5. Allegheny, . . . . .	Wm. B. McClure,	2,000
6. Erie, Crawford, and Warren, . . . . .	J. Galbraith,	1,600
7. Bucks and Montgomery, . . . . .	Daniel M. Smyser,	1,600
8. Northumberland, Lycoming, Centre, and Clinton, . . . . .	Alexander Jordan,	1,600

9. Cumberland, Perry, and Juniata, . . .	James Graham,	\$1,600
10. Westmoreland, Indiana, and Armstrong,	James M. Barrell,	1,600
11. Luzerne, Montour, Columbia, and Wy- oming, . . . . .	John N. Conyngham,	1,600
12. Dauphin and Lebanon, . . . . .	John J. Pearson,	1,600
13. Bradford, Susquehanna, and Sullivan, .	David Wilmot,	1,600
14. Washington, Fayette, and Greene, . .	Samuel A. Gilmore,	1,600
15. Chester and Delaware, . . . . .	Townsend Haines,	1,600
16. Franklin, Bedford, Somerset, and Fulton,	F. K. Kimmell,	1,600
17. Beaver, Butler, Mercer, and Lawrence, .	Daniel Agnew,	1,600
18. Venango, Clarion, Jefferson, Forest, and Clearfield, . . . . .	John C. Knox,	1,600
19. York and Adams, . . . . .	Robert J. Fisher,	1,600
20. Mifflin and Union, . . . . .	Abraham S. Wilson,	1,600
21. Schuylkill, . . . . .	Charles W. Hegins,	1,600
22. Monroe, Pike, Wayne, and Carbon, . .	Nathaniel B. Eldred,	1,600
23. Berks, . . . . .	J. Pringle Jones,	1,600
24. Huntingdon, Blair, and Cambria, . . .	George Taylor,	1,600

## FINANCES.

The debt of the State was, December 1, 1851, as follows:—

Six per cent. stocks, . . . . .	\$2,314,023.51
Five per cent. stocks, . . . . .	36,704,484.03
Four and a half per cent. stocks, . . . . .	198,200.00
Total funded debt, . . . . .	\$39,216,707.54

The unfunded debt was as follows:—

Relief notes in circulation, . . . . .	\$650,163.00
Interest, certificates outstanding, . . . . .	150,231.82
“ “ unclaimed, . . . . .	4,448.38
Interest on unclaimed and outstanding certificates to be added to them when funded, . . . . .	9,752.91
Domestic creditors, . . . . .	82,932.74
Total unfunded debt, . . . . .	597,528.85

Total public debt due Dec. 1, 1851, . . . . . \$40,114,236.39

Regular annual interest on loans, nearly . . . . .	1,983,000.00
Add guaranteed interest on internal improvement companies, nearly . . . . .	32,500.00
Total interest for the year, nearly . . . . .	\$2,015,500.00

The productive property owned by the State is,—

Stock in incorporated companies, . . . . .	\$1,632,996.62
Pennsylvania railroads and canals, . . . . .	30,006,324.76
Total productive property, . . . . .	\$31,639,321.38
The State has an unavailable deposit in the United States Bank, of . . . . .	280,000.00
And depreciated funds in the treasury, unavailable, . . . . .	41,032.00
Total receipts during the year ending November 30, 1851, . . . . .	\$4,570,393.93
Balance in Treasury, November 30, 1850, . . . . .	754,252.81
Total available means, . . . . .	\$5,324,646.74
Total expenditures during the same period, . . . . .	4,790,667.53
Available balance in treasury, November 30, 1851, . . . . .	\$543,979.21

*Principal Items of Expenditure.*

Pensions and gratuities, . . . . .	15,524.81
Public improvements, . . . . .	\$1,823,709.92
Charitable institutions, . . . . .	100,381.21
Expenses of government, . . . . .	245,085.15
Common Schools, . . . . .	164,620.26
Militia expenses, . . . . .	3,638.49
Commissioners of Sinking Fund, . . . . .	185,130.00



Loans, . . . . .	\$ 11,341.00	Collateral inheritance tax, . . .	\$ 150,625.48
Interest on loans, . . . . .	2,020,360.87	Tax on bank dividends, . . .	233,783.65
Guaranteed interest, . . . . .	34,416.67	Tax on corporation stocks, . . .	159,046.96
Domestic creditors, . . . . .	6,494.94	Retailers' licenses, . . . . .	169,906.89
Reissuing relief notes, . . . . .	2,000.00	Tavern licenses, . . . . .	100,075.31
Damages on public works, . . . . .	46,580.30	Tax on loans, . . . . .	138,724.96
Penitentiaries, . . . . .	15,082.74	Premiums on charters, . . . . .	14,580.00
Abatement of State tax, . . . . .	46,037.74	Auction duties, . . . . .	50,266.47
Counsel fees and commissioners, . . . . .	4,114.97	Auction commissions, . . . . .	21,050.00
House of Refuge, . . . . .	6,000.00	Tax on writs, wills, deeds, &c., . . .	44,928.65
Pennsylvania volunteers in Mexican war, . . . . .	14,342.12	Tax on certain offices, . . . . .	16,995.80
Geological survey, . . . . .	7,937.50	Militia fines, . . . . .	8,946.65
Colonial records, . . . . .	2,250.00	Lands, . . . . .	43,152.96
Revenue commissioners, . . . . .	3,273.80	Brokers' licenses, . . . . .	6,005.24
Special commissioners, . . . . .	408.37	Other licenses, . . . . .	21,842.46
State Library, . . . . .	625.00	Tax on enrolment of laws, . . . . .	5,035.00
Public buildings and grounds, . . . . .	5,704.46	Tax on tonnage and passengers, . . . . .	9,514.71
Use of patent-rights, . . . . .	400.00	Accrued interest, . . . . .	2,707.22
Amendments to the Constitution, . . . . .	3,034.00	Escheats, . . . . .	1,225.47
Escheats, . . . . .	296.45	State Lunatic Hospital, . . . . .	5,229.50
Miscellaneous, . . . . .	7,641.15	Foreign insurance agencies, . . . . .	2,023.54
<i>Chief Sources of Income.</i>		Interest on loans, . . . . .	22,276.21
Tax on real and personal estate, \$ 1,372,170.37		Sales of public property, . . . . .	124,873.20
Canal and railroad tolls, . . . . .	1,719,788.54	Refunded cash, . . . . .	21,074.63
Loans, . . . . .	98,000.00	Fees of the public offices, . . . . .	3,524.60
		Miscellaneous, . . . . .	1,405.42

The total valuation of the real and personal estate of Pennsylvania taxable for State purposes for the year 1851 was \$ 492,898,929; tax assessed, \$ 1,529,757. Number of taxable inhabitants in the State in 1850, 491,977.

*Common Schools in 1851.*—A system of popular education was attempted in Pennsylvania, and a common school fund established, in 1831. The State was not divided into districts for school purposes until 1834, and the act of April 1st of that year is generally considered the first common school law. The whole number of school districts reported, exclusive of the city and county of Philadelphia, for the year ending June, 1851, was 1,427. The whole number of schools was 9,462. The average number of months that schools were taught was 5.06. Number of male teachers, 7,677; number of female teachers, 3,422. Average wages per month of male teachers, \$ 18.19; of female teachers, \$ 10.91. Number of male scholars, 251,046; number of female scholars, 209,040; number learning German, 12,090. The average number of scholars in each school was 47; and the cost of teaching each scholar per month, \$ 0.4375. The amount of tax levied in the accepting districts was \$ 930,221.84; received from the State appropriation, \$ 161,697.50. The cost of instruction was \$ 711,643.46; fuel and contingencies, \$ 75,161.89; of school-houses, repairs, &c., \$ 276,541.65. The number of taxables by the triennial return in 1850 was 499,395. Since, and including 1844, the annual appropriation by the State for the support of schools has been \$ 200,000.

*Common Schools in Philadelphia in 1851.*—The city and county of Philadelphia constitute the first school district, but are not subject to the general school law. The direction of the schools is committed by law to 228 directors and 24 controllers; each of the eleven sections into which the district is divided being governed by a separate board of directors, all being under the supervision of the Board of Controllers. Number of schools, 270; 1 high school; 1 normal school; 53 grammar schools; 34 secondary schools; 142 primary schools; 39 unclassified. Number of teachers, 781, 82 males and 699 females. Number of male scholars, 24,508; number of females, 23,548; in all, 48,056. The State appropriation to this district was \$ 31,307.30.

## X. DELAWARE.

*Government for the Year 1853.*

WILLIAM H. ROSS,	of Seaford,	Governor (term of office expires on the 3d Tuesday in January, 1855),	Salary.
			\$ 1,333½
Alfred P. Robinson,	of Georgetown,	Secretary of State,	Fees and 400
William Cannon,	of Bridgeville,	State Treasurer,	500
Luther Swiggett,	of Camden,	Auditor,	500
H. B. Fiddeman,	of Milford,	President of the Senate.	
William Huffington,		Clerk.	
Samuel Jefferson,	of Port Penn,	Speaker of the House.	
Dudley B. Tinker,		Clerk.	

## JUDICIARY.

*Superior Court.*

James Booth,	of Newcastle,	Chief Justice,	\$ 1,200
Samuel M. Harrington,	of Dover,	Associate Justice,	1,200
John J. Milligan,	of Wilmington,	"	1,000
Edward Wootten,	of Georgetown,	"	1,000
Willard Saulsbury,	of Georgetown,	Attorney-General,	Fees and 500
S. M. Harrington,	of Dover,	State Reporter.	
Isaac Giles,	of Georgetown,	Prothonotary of Sup. Court,	Fees.
Alexander J. Taylor,	of Dover,	" "	Fees.
Wm. G. Whitely,	of Newcastle,	" "	Fees.

*Court of Chancery.*

Kensley Johns, Jr.,	of Newcastle,	Chancellor,	1,100
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*Orphans' Court.*

The Orphans' Court consists of the Chancellor and a Judge of the Superior Court.

*Probate Court.*

Amos H. Wickersham,	of Newcastle,	Register of Wills,	Fees.
John Raughley,	of Dover,	" "	Fees.
James Anderson,	of Georgetown,	" "	Fees.

## FINANCES.

*Principal Items of Expenditure.*

Executive, . . . . .	\$ 3,333.33
Legislature, . . . . .	2,010.97
Judiciary, . . . . .	5,500.00
School fund, . . . . .	15,947.62
Balance due the State, . . . . .	5,071.41
	<u>\$ 31,863.33</u>

*Chief Sources of Income.*

Bank tax, . . . . .	\$ 3,962.61
Railroad tax, . . . . .	2,500.00
Interest on loans, . . . . .	5,147.62
Bank dividends, . . . . .	15,305.00
Retailers' licenses, &c., . . . . .	4,352.80
Fines, &c., . . . . .	549.81
Sundries, . . . . .	45.49
	<u>\$ 31,863.33</u>

*Resources of the State.*

Invested capital (State and School), . . . . .	\$ 414,725.83
Taxes on corporations (annual), . . . . .	5,725.00
Dividends and interest on loans (annual), . . . . .	20,062.64
Retailers' and tavern licenses, " . . . . .	4,352.80
Fines and forfeitures, . . . . .	549.81
Other sources, . . . . .	1,073.75

*Free Schools.*

Counties.	No. of Schools.	No. of Scholars.	Amount paid for		Amount received from	
			Tuition.	Contingencies.	School Fund.	Contribution and Tax.
Newcastle	72	4,969	\$17,293.72	\$2,587.88	\$9,398.19	\$10,451.77
Kent,	55	3,876	10,964.72	1,321.91	8,153.82	3,608.98
Sussex,	82	4,443	10,203.26	1,837.89	9,455.32	3,028.81
Total,	209	13,288	38,461.70	5,747.68	27,607.33	\$17,089.56
			5,747.68		17,089.56	
			\$44,209.38		\$44,596.89	

## XI. MARYLAND.

*Government for the Year 1853.*

ENOCH LOUIS LOWE, of Frederic Co.,	<i>Governor</i> (term expires	Salary.
the 2d Wednesday in Jan., 1854),	Use of a furnished house and	\$3,600
Thomas H. O'Neal, of Frederic Co.,	<i>Secretary of State,</i>	1,000
James S. Owens, of Annapolis,	<i>Treasurer,</i>	2,500
Philip F. Thomas, of Annapolis,	<i>Comptroller of the Treasury,</i>	2,500
James Murray, of Annapolis,	<i>Commissioner of the Land-</i>	
	<i>Office,</i>	Fees and 200
Michael McBlair, of Baltimore,	<i>Commissioner of Stamps,</i>	750
Thomas R. Stewart, of Caroline,	<i>Commissioner of Lotteries.</i>	
John R. Franklin, of Snowhill,	} <i>Commissioners of Public</i>	
John S. Gittings, of Baltimore,		
Charles R. Stewart, of Savage,		
Wm. P. Ponder, of Baltimore,		
Richard Swan, of Annapolis,	<i>State Librarian,</i>	1,000
John N. Watkins, of Annapolis,	<i>Adjutant-General,</i>	500
Edward Lloyd, of Talbot Co.,	<i>Pres. of the Senate,</i>	\$5 per day dur. ses.
Elias Ware, Jr., of Baltimore,	<i>Speaker of the House of Delegates,</i>	
		[\$5 per day during session.

## JUDICIARY.

*Court of Chancery.*

	Appointed.	Term ends.	Salary.
John Johnson, of Annapolis,	<i>Chancellor,</i>	1846, July 4, 1853,	\$3,000
Louis Gassaway, <i>Register.</i>	Nicholas Hammond, <i>Auditor.</i>		

*Court of Appeals.*

	Elected.	Term expires.	Salary.
John C. LeGrand, of Baltimore,	1851,	<i>Chief Justice,</i>	1861, 2,500
John T. Mason, of Marlboro,	1851,	<i>Associate Justice,</i>	1861, 2,500
Wm. H. Tuck, of Upper Marlboro,	1851,	"	1861, 2,500
John B. Eccleston, of Chestertown,	1851,	"	1861, 2,500
William A. Spencer, of Annapolis,		<i>Clerk,</i>	Fees.

The Court of Chancery, by the new Constitution, is continued until July 4, 1853, to finish up its business. It is then to be abolished. The judicial power of the State is vested in a Court of Appeals, and in Circuit Courts.

The Court of Appeals has appellate jurisdiction only. Its judges, four in number, are elected from districts, by the voters therein, for ten years, unless they shall before reach the age of 70. They must be above 30 years of age, citizens of the State at least five years, residents of the judicial districts from which they are elected, and have been admitted to practice in the State. The Court of Appeals appoints its own clerk, to hold office for six years, and may reappoint him at the end of that time. When any judge of any court is interested in a case or connected with any of the parties by affinity or consanguinity within the proscribed degrees, the Governor may commission the requisite number of persons, learned in the law, for the trial and determination of the case. The Governor, with the advice and consent of the Senate, designates one of the four judges as chief justice. The office of Attorney-General is abolished by the new Constitution.

*Judges of the Circuit Courts.*

Circuit.		Elected.	Term expires.	Salary.
1.	Peter W. Crain, of Port Tobacco,	1851	1861	\$ 2,000
2.	Nicholas Brewer, of Annapolis,	1851	1861	2,000
3.	Madison Nelson, of Frederic City,	1851	1861	2,000
4.	Thomas Perry, of Cumberland,	1851	1861	2,000
6.	Albert Constable, of Perryville,	1851	1861	2,000
7.	Philemon B. Hopper, of Centreville,	1851	1861	2,000
8.	Ara Spence, of Snowhill,	1851	1861	2,000

The fifth Circuit comprises the city of Baltimore. The judges of that Circuit, all of whom reside in Baltimore, are : —

William Frick,	<i>Judge of Superior Court,</i>	1851	1861	2,500
Wm. L. Marshall,	<i>Judge of Court of Com. Pleas,</i>	1851	1861	2,500
Henry Stump,	<i>Judge of Criminal Court,</i>	1851	1861	2,000
Chas. J. McGwinn,	of Baltimore, <i>State Attorney,</i>	1851	1855	

The State is divided into eight judicial circuits, each of which elects a judge of the Circuit Court, to hold office for 10 years. The qualifications of the judges are the same as those of the Court of Appeals, except that they must be citizens of the United States, and residents for two years in their judicial district. There is in the city of Baltimore a Court of Common Pleas, with jurisdiction in civil cases between \$ 100 and \$ 500, and exclusive jurisdiction in appeals from justices of the peace in that city ; and a Superior Court, with jurisdiction in cases over \$ 500. Each of these courts consists of one judge, elected by the people for ten years. There is also a Criminal Court, consisting of one judge, elected for six years. Clerks of the Circuit Courts in each county, and of the Baltimore courts, are chosen for six years, and are reëligible.

Each county, and Baltimore city, elect three persons as Judges of the Orphans' Court, to hold office for four years ; a Register of Wills, for six years ; Justices of the Peace, two Sheriffs, and Constables, for two years. Attorneys for the Commonwealth are chosen in each county by the people, for four years.

## FINANCES.

*State Debt.*

The nominal debt of the State was, Dec. 1, 1851, . . . . .	\$ 15,260,668
Since that day (to Oct. 1, 1852) this amount has been redeemed, . . . . .	30,000
Leaving as present nominal debt, . . . . .	\$ 15,260,668
The sinking fund of the State, representing, in fact, extinguished debt, was, Sept. 1, 1852, . . . . .	\$ 2,582,928
State loan to Baltimore and Ohio Railroad Company included in nominal debt, the interest of which is paid by that company, . . . . .	3,266,000
Tobacco loans, the interest of which is paid out of proceeds of tobacco inspection, . . . . .	163,689
Productive capital of State, consisting of bank stocks, railroad stocks and bonds, paying dividends or interest, including Tide-water Canal bonds, about, . . . . .	5,200,000
	<u>11,212,617</u>
Leaving, . . . . .	\$ 4,048,051

The interest on which must be provided for by taxation. Thus out of the proceeds of taxation the interest on that balance is paid, and also the interest on the sinking fund, and a surplus of at least \$300,000 is applied to the further increase of the sinking fund by the purchase of State stocks. The whole debt will be rapidly extinguished, if the policy of the State remains unchanged. A new assessment of all the property in the State was ordered by the Legislature of last winter, and a large increase of the basis of taxation is anticipated. Should that be the result, it is not unlikely that the *rate* of tax, — now a quarter of one per cent., — may be reduced; but it is most probable that the amount of revenue derived from this source will not be diminished. It is evidently the true policy of the State, and the interest of the tax-payers, to extinguish the whole debt at the earliest possible day. With the present amount of revenue, this would be effected in eight years; or rather, by that time the receipts from internal improvement companies, and from the productive property of the State, will be sufficient to pay the interest on all the debt then remaining unextinguished, and to provide a sinking fund for its entire absorption, without the necessity of any taxation, direct or indirect.

The last report of the State Treasurer shows all the sources of revenue to be increasing in productiveness. The Baltimore and Ohio Railroad will be finished to the Ohio River by the 1st of January, 1853, and the State's dividends on that work will be much increased; and the effect of opening this great avenue of trade and travel will be sensibly felt in the State treasury by the growth of the city of Baltimore in prosperity and wealth.

In addition to the productive property above described, the State owns unproductive property, the value of which, December 1, 1851, was estimated at \$16,319,138.09. The assessed value of the real and personal property of the State for the year 1851 was \$191,888,068, upon which a tax of \$479,720.91 was levied.

The Constitution provides that "no debt shall be contracted exceeding \$100,000, nor unless the act creating it shall provide for a tax sufficient to pay the interest as it falls due, and the principal in fifteen years. Such taxes shall not be repealed or applied to any other purpose. The credit of the State shall never be given or lent, nor shall the State be in any way concerned in internal improvements. The moneys levied to pay the public debt shall never be diverted until the debt is paid, or until the sinking fund equals the outstanding debt."

The receipts and expenditures of the State for the year ending December 1, 1851, are as follows: —

<i>Principal Items of Expenditure.</i>		
Annapolis and Elk Ridge Railroad, \$6,987.28	Legislature, . . . . .	\$ 854.06
Civil officers, . . . . . 12,131.61	Militia, . . . . .	1,100.00
Colleges, academies, and schools, 20,799.00	Penitentiary, . . . . .	30,000.00
Indigent deaf and dumb, . . . . . 2,852.27	Pensions, . . . . .	5,274.89
Judiciary, . . . . . 38,952.00	Surplus revenue, . . . . .	34,069.36
	State colonization, . . . . .	10,396.00

Interest on public debt, . . . . .	\$ 680,077.83	Stamps, . . . . .	\$ 53,397.79
Redemp. of funded arrears of inter., 133,712.82		Lotteries and stamps on lottery tickets, . . . . .	57,152.55
Increase of sinking fund, . . . . .	116,211.44	Direct tax, . . . . .	399,576.64
Constitutional Convention, . . . . .	128,238.47	Taxes on	
State tobacco inspection and ware-houses, . . . . .	22,263.20	State and city of Baltimore stocks, 38,567.51	
Contingent expenses, . . . . .	3,019.63	Collateral inheritances, . . . . .	27,926.21
Miscellaneous expenses, . . . . .	6,474.67	Commissions of ex'ors and adm'rs, 30,163.21	
		Commissions of trustees, . . . . .	6,668.26
		Foreign insurances, . . . . .	6,837.60
		Policies of insurance, . . . . .	4,217.00
		Protests, . . . . .	5,178.00
		Certain officers, . . . . .	9,173.60
		Civil commissions, . . . . .	2,300.85
		Incorporated institutions, . . . . .	26,663.65
		Tax for colonization, . . . . .	9,743.51
		State tobacco inspector in Baltimore, 25,397.60	

#### Chief Sources of Income.

Auction duties and licenses, . . . . .	\$ 33,169.83
Railroads, . . . . .	147,354.22
Susq. & Tidewater Canal Companies, 67,500.00	
Bank dividends and bonus, . . . . .	36,162.66
Fines and forfeitures, . . . . .	22,081.26
Licenses by county clerks, . . . . .	144,612.45
Road stock dividends, . . . . .	44,240.00
Balance in treasury, Dec. 1st, 1850, . . . . .	\$ 245,408.84
Receipts for the year, . . . . .	1,231,267.03
Total, . . . . .	\$ 1,476,675.87
Expenditures for the year, . . . . .	1,225,718.15
Balance in treasury, Dec. 1, 1851, . . . . .	\$ 250,957.72

*Common Schools.*—There is a school fund in the State which amounted, December 1, to \$148,509.

## XII. VIRGINIA.

### ABSTRACT OF THE CONSTITUTION,

*Adopted by the Convention (which met in Richmond on the 14th of October, 1850, adjourned November 2, and reassembled on the 6th of January, 1851) on the 1st of August, 1851, and ratified by the People on the 23d, 24th, and 25th of October, by a Vote of 75,748 in its Favor and 11,060 against its Adoption. Its Operation commenced with the Election of the General Assem'ly, Governor, Lieutenant-Governor, and Attorney-General, on the 8th of December, 1851, and the Meeting of the General Assembly on the 12th of January, 1852.*

Every white male citizen, 21 years old, resident of the State for two years, and of the county, city, or town for 12 months preceding the election, may vote. No person in the military, naval, or marine service of the United States shall be deemed a resident of the State by reason of being stationed therein. No person of unsound mind, nor a pauper, nor a non-commissioned officer, seaman, or marine in the service of the United States, nor one convicted of bribery in an election, or of any infamous offence, shall have the right to vote. Votes shall be given openly, or *viva voce*, and not by ballot; but dumb persons may so vote.

The executive power is vested in a Governor, elected by the people for four years, commencing on the 1st of January succeeding his election, who shall be ineligible for the next term, and to any other office during his term. He must be 30 years of age, a native citizen of the United States, and for 5 years a citizen of the State. He shall reside at the seat of government, and his salary shall be five thousand dollars. A Lieutenant-Governor, with like qualifications, shall be elected for a like term, and succeed the Governor in the event of vacancy. He shall be President of the Senate, and shall receive the same compensation, while so acting, as the Speaker of the House of Delegates. A Secretary of the Commonwealth, Treasurer, and an Auditor of Public Accounts, shall be elected by joint vote of the General Assembly for two years. The State shall be divided into three districts, each of which shall elect a Commissioner, and these constitute a Board of Public Works. Their term of

service shall be six years. They shall be so classified by lot, that the term of one shall expire, and one shall be elected, every two years. The General Assembly, by a vote of three fifths, may abolish the Board.

The House of Delegates shall consist of one hundred and fifty-two members, to be chosen biennially, apportioned upon the basis of the white population. The Senate, apportioned upon the basis of population and taxation combined, shall consist of fifty members, elected for the term of four years, by the voters in districts. The Senate shall be divided into two classes, by lot, at its first session, and the term of the first class shall expire in two years. Delegates shall have attained the age of 21, Senators of 25, and shall reside within the election district. None but a qualified voter is eligible; and no person holding a lucrative office, no minister of the Gospel, or priest, no salaried officer of a banking corporation or company, and no attorney for the Commonwealth, shall be elected. Removal from the district vacates the office. In 1865, and every tenth year thereafter, there shall be a reapportionment; and if the two houses shall fail to agree, the mode of apportionment shall be submitted to the people for their decision. The sessions shall be biennial; and no session, after the first, shall continue longer than 90 days, without the concurrence of three fifths of all the members; nor in this case shall it be extended more than 30 days. Bills may originate and be amended in either house.

Members of the House of Representatives of the United States shall be apportioned according to the federal basis, and the counties composing the district shall be contiguous, compact, and, as nearly as may be, of equal population.

There shall be a Supreme Court of Appeals, District Courts, and Circuit Courts. The voters of each circuit shall elect a judge for the term of eight years, who shall be at least 30 years of age, and shall reside in the circuit. Two courts shall be held yearly in each county. A District Court shall be held once a year in every district by the judges of the circuits constituting the section and the judge of the Supreme Court for the section, any three of whom may hold a court.

The voters of each section shall elect a judge of the Court of Appeals for the term of twelve years, who shall be at least 35 years of age, and shall reside in his section. The five judges so elected constitute the Court of Appeals, any three of whom may hold a court. It shall have jurisdiction only when the matter in controversy shall not be less in value than \$500, except in certain specified cases. Special Courts of Appeals may be organized. The salary of the judge of the Court of Appeals shall not be less than \$3,000, and that of a circuit judge not less than \$2,000, except that of the judge of the 5th circuit, which shall not be less than \$1,500 per annum, with a reasonable allowance for travel. No election of judge shall be held within 30 days of the time of holding the elections for President, for Congress, or for the General Assembly.

The judges of the Supreme Court and District Courts shall appoint the officers of the court. The voters of each county shall elect the clerk of the Circuit Court for the term of six years. When a Governor is elected, an Attorney-General shall be elected for the term of four years.

There shall be County Courts held monthly by not less than three nor more than five justices. Each county shall be laid off into districts, and each district shall elect four justices for the term of four years. The justices so elected shall choose one of their own body to attend each term of the court, and classify the rest for the performance of their duties. The justices shall receive for their services in court a *per diem* compensation, fixed by law, and paid by the county.

The voters of each county shall elect a clerk of the County Court and a surveyor, for the term of 6 years, an attorney of the Commonwealth for 4 years, a sheriff and commissioner of the revenue for 2 years. Constables and overseers of the poor shall be elected by the voters. A sheriff may be elected for two terms, but shall be ineligible for the next succeeding term, nor shall he be eligible to any political office during his term, or within one year thereafter.

The writ of *habeas corpus* shall not be suspended, nor shall any bill of attainder be passed, nor any *ex post facto* law, nor any law impairing the obligation of contracts, or taking private property without just compensation, or abridging the freedom of speech or of the press, or establishing any religion or prescribing any religious test, or conferring any privileges or ad-

vantages on any one sect or denomination. No law shall embrace more than one object, and when amended shall be reenacted at length. Provision may be made rendering ineligible those who fight or are engaged in a duel. The Senate shall try impeachments made by the House, and may sit for this purpose during the recess. Slaves hereafter emancipated shall forfeit their freedom by remaining in the Commonwealth more than 12 months. Restrictions may be imposed upon emancipation; but the General Assembly shall not emancipate. It may relieve the State from the free negroes by removal or otherwise.

Yeas and nays shall be taken on all tax and appropriation bills. No incorporated company shall be released from its liability to the State, nor shall the faith of the State be pledged for the debts of any company. Seven per cent. of the State debt existing January 1, 1852, shall be annually set apart as a sinking fund to redeem said debt. No loans shall be contracted irredeemable for a period of over 34 years. Whenever a debt is contracted, there shall be set apart, annually, for 34 years, a sum exceeding by one per cent. the aggregate amount of the annual interest agreed to be paid thereon at the time of its contraction, which sum shall be a part of the sinking fund. Stocks held by the Commonwealth may be sold, but the proceeds must be applied to the payment of the public debt.

No charter shall be granted to any church or religious denomination; but title to church property may be granted to a limited extent. No lottery shall be authorized, and buying and selling of tickets shall be prohibited. No new county shall be formed with an area less than 600 square miles. Power shall be conferred on the courts exclusively to grant divorces, to change the names of persons, and direct the sale of infants' estates. There shall be a periodical registration of voters, and of births, marriages, and deaths, annually. A census shall be taken every five years after the national census.

### Government for the Year 1853.

	Term ends.	Salary.
JOSEPH JOHNSON, <i>Governor</i> ,	Jan. 1, 1856,	\$ 5,000
Shelton F. Leake, <i>Lieut. Gov. and Pres. of Senate</i> ,	"	\$ 8 per day [during the session of the Legislature.
Willis P. Bocock, <i>Attorney-General</i> ,	Jan. 1, 1856,	\$ 1,500
W. H. Richardson,* <i>Secretary of the Commonwealth, Adjutant-Gen., and Librarian</i> ,		1,620
Robert Butler,* <i>Treasurer</i> ,		2,000
Robert Johnston,* <i>Auditor of Public Accounts</i> ,		2,000
James Brown, Jr.,* <i>2d Auditor and Superintendent of Literary Fund</i> ,		2,000
Stafford H. Parker,* <i>Register of the Land-Office</i> ,		2,000
Charles S. Morgan, <i>Superintendent of Penitentiary</i> ,		2,000
Geo. W. Mumford, <i>Clerk of the House of Delegates and Keeper of the Rolls</i> ,		\$ 150 per week during the session, and \$ 200 annually for keeping the rolls.
H. St. Geo. Tucker, <i>Clerk of the Senate</i> ,		\$ 100 per week during session.
R. W. Hughes, <i>Sup't of Weights and Measures</i> ,		\$ 300 per annum.

No provision was made by law, by the last Legislature, for the election of the Board of Public Works. The Governor, Treasurer, Auditor, 2d Auditor, and Register are still acting as the Board of Public Works until the new Board is elected and organized.

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\* These officers are elected by the Legislature. As no election was made by that body, they continue in office until their successors are appointed.



## JUDICIARY.

*Court of Appeals.*

No. of Section.	Name.	Term begins.	Term ends.	Salary.
1.	William Daniel,	July 1, 1852,	July 1, 1864,	\$ 3,000
2.	R. C. L. Moncure,	"	"	3,000
3.	Green B. Samuels,	"	"	3,000
4.	John J. Allen,	"	"	3,000
5.	George Hay Lee,	"	"	3,000

*Circuit Courts.*

Cir.	Name of Judge.	Term ends.	Salary.	Cir.	Name of Judge.	Term ends.	Salary.
1.	Richard H. Baker,	July 1, 1860,	\$ 2,000	12.	John Kenney,	July 1, 1860,	\$ 2,000
2.	John W. Nash,	"	2,000	13.	Richard Parker,	"	2,000
3.	William Leigh,	"	2,000	14.	Edward Johnston,	"	2,000
4.	Norborne M. Taliaferro,	"	2,000	15.	Edward B. Bailey,	"	2,000
5.	Edward P. Pitts,	"	1,500	16.	Andrew S. Fulton,	"	2,000
6.	John B. Clopton,	"	2,000	17.	George W. Hopkins,	"	2,000
7.	John A. Meredith,	"	2,300	18.	George W. Summers,	"	2,000
8.	John T. Lomax,	"	2,000	19.	Matthew Edmiston,	"	2,000
9.	John W. Tyler,	"	2,000	20.	George W. Thomson,	"	2,000
10.	Richard H. Field,	"	2,000	21.	Gideon D. Camden,	"	2,000
11.	Lucas P. Thompson,	"	2,000				

## FINANCES.

*Public Debt, July 1, 1852.*

Amount of registered stock in office of Auditor of Public Accounts,	\$ 793,146.17
Amount of registered stock in the office of the 2d Auditor,	11,552,728.04
Amount of registered stock,*	\$ 12,345,874.21
Amount of coupon bonds issued,	2,840,000.00
	\$ 15,185,874.21
Held by the State for the Literary Fund,	\$ 1,132,606.50
" " Board of Public Works,	378,912.41
	1,511,518.91
Absolute debt,	\$ 13,674,356.30
5 per cent. on \$ 798,000.00	\$ 39,900.00
5 per cent. on 25,300.00	1,391.50
6 per cent. on 12,851,065.30	771,063.31
Annual interest,	\$ 812,354.81
The contingent debt consists of liabilities of the State on account of the guaranties of the Commonwealth to bonds of corporations for the purposes of internal improvements; it amounts to \$3,901,374.	

*Chief Sources of Income.*

Revenue taxes,	\$ 677,123.84	Annuity from Old James River Co.,	\$ 21,000.00
Taxes on notarial seals,	6,025.99	Fees from Register Office,	7,903.14
Taxes on law processes, seals, wills, deeds, &c.,	28,680.14	Washington Monument Fund,	23,418.56
Taxes on dividends,	8,440.39	Loans from the banks (refunded),	300,000.00
Militia fines,	13,817.97	Taxes on free negroes,	7,596.38
Interest on loans,	216,324.26	Loans obtained during the year (6 per cent.),	2,106,214.00
Dividends on bank stock,	301,851.10	Dividends from internal improvements,	50,121.83
Bonus from bank dividends,	46,818.43	Miscellaneous,	14,947.67

\* This stock is known in the market as "Inscription Stock."

*Principal Items of Expenditure.*

<i>Principal Items of Expenditure.</i>	<i>Expenses of deaf, dumb, and the blind.</i>
Expenses of Convention, 1851, . . . \$197,068.15	blind, . . . . . 17,500.00
General Assembly, . . . . . 107,940.38	Contingent fund, . . . . . 23,967.57
Officers of government, . . . . . 100,866.34	Interest on the public debt, . . . . . 654,183.11
Criminal charges, . . . . . 43,103.86	Appropriation to sundry roads, . . . . . 363,725.71
Penitentiary expenses, . . . . . 19,892.26	Subscription to sundry railroads and other roads, . . . . . 1,648,619.89
Contingent expenses of courts, . . . . . 30,695.33	General appropriations, . . . . . 9,322.00
Printing records Court of Appeals, . . . . . 3,569.85	Public debt redeemed, . . . . . 10,500.00
Militia, . . . . . 25,503.61	Washington Monument, . . . . . 39,134.41
Virginia Military Institute, . . . . . 38,710.00	Expenses of surveys and locations, . . . . . 18,250.00
Public Guard, . . . . . 21,871.47	Primary schools, . . . . . 75,000.00
Commissioners' revenue, . . . . . 32,163.61	Annuity to University of Virginia, . . . . . 15,000.00
Reassessment of lands, . . . . . 31,534.42	
Expenses of Lunatic Asylums, . . . . . 76,536.95	

*Taxable Property in Virginia in May, 1852.*

Value of lots, lands, and buildings under the assessment of 1850, as reported to the convention, . . . . .	\$276,529,566.37
Add estimated increased value for new buildings, &c., . . . . .	3,200,000.00
	<u>\$279,729,566.37</u>
Value of live stock, as shown by the last census tables, . . . . .	3,200,000.00
Taxable value, as fixed by the Constitution, on 257,321 slaves, the number returned by the commissioners of the revenue for 1851, \$300 each, . . . . .	77,346,300.00
Value of the following subjects, as ascertained by the commissioners of the revenue for 1851, viz. carriages and their harness, . . . . .	2,123,377.00
Pianos and harps, . . . . .	649,326.00
Plate taxed in 1851, . . . . .	184,138.00
Moneys loaned, bonds purchased, and other securities taxed, . . . . .	20,327,433.33
Estimated value of the following subjects returned by the commissioners of the revenue for 1851, viz. :—	
12,906 gold watches, at 50 cents, . . . . .	645,300.00
6,092 patent lever do. 25 " . . . . .	152,300.00
13,242 other do. 10 " . . . . .	132,420.00
41,983 metallic clocks, 10 " . . . . .	419,830.00
35,108 other do. 5 " . . . . .	175,540.00
Estimated value of property not enumerated above, which may be subject to tax, and for annual increase on the foregoing subjects, . . . . .	50,000,000.00
	<u>\$465,542,189.70</u>

**JUDICIAL CIRCUITS, DISTRICTS, AND SECTIONS.**

The Counties are given unless otherwise stated.

*Judicial Circuits.*

1. Princess Anne, Norfolk, Nansemond, Isle of Wight, Southampton, Greenville, Surry, and Sussex, and the city of Norfolk.
2. Prince George, Dinwiddie, Brunswick, Mecklenburg, Nottoway, Amelia, Chesterfield, Powhatan, and the city of Petersburg.
3. Cumberland, Buckingham, Appomattox, Campbell, Prince Edward, Charlotte, Halifax, and the town of Lynchburg.
4. Pittsylvania, Bedford, Franklin, Patrick, and Henry.
5. Accomac and Northampton.
6. Elizabeth City, Warwick, York, Gloucester, Matthews, Middlesex, Henrico, New Kent, Charles City, James City, and the city of Williamsburg.
7. The city of Richmond.
8. Lancaster, Northumberland, Richmond, Westmoreland, King George, Spottsylvania, Caroline, Hanover, King William, King and Queen, and Essex.
9. Stafford, Prince William, Alexandria, Fairfax, Loudoun, Fauquier, and Rappahannock.
10. Culpeper, Madison, Green, Orange, Al-

- bermarie, Louisa, Fluvanna, and Goochland.
11. Nelson, Amherst, Rockbridge, Augusta, and Bath.
  12. Pendleton, Highland, Rockingham, Page, Shenandoah, Warren, and Hardy.
  13. Clarke, Frederic, Hampshire, Morgan, Berkeley, and Jefferson.
  14. Monroe, Greenbrier, Pocahontas, Alleghany, Botetourt, Roanoke, and Craig.
  15. Giles, Mercer, Raleigh, Wyoming, Logan, Boone, Fayette, and Nicholas.
  16. Grayson, Carroll, Wythe, Floyd, Pulaski, and Montgomery.
  17. Smyth, Tazewell, Washington, Russell, Scott, and Lee.
  18. Wayne, Cabell, Mason, Jackson, Putnam, and Kanawha.
  19. Wood, Wirt, Gilmer, Braxton, Lewis, Ritchie, Doddridge, and Pleasants.
  20. Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, and Monongalia.
  21. Harrison, Marion, Taylor, Preston, Barbour, Randolph, and Upshur.

*Judicial Districts.**No. of District. Circuits composing District.*

1. First and Second Circuits.
2. Third and Fourth Circuits.
3. Fifth, Sixth, and Seventh Circuits.
4. Eighth and Ninth Circuits.
5. Tenth and Eleventh Circuits.

*No. of District. Circuits composing District.*

6. Twelfth and Thirteenth Circuits.
7. Fourteenth and Fifteenth Circuits.
8. Sixteenth and Seventeenth Circuits.
9. Eighteenth and Nineteenth Circuits.
10. Twentieth and Twenty-first.

*Judicial Sections.**No. of Sect. Districts composing Section.*

1. First and Second Districts.
2. Third and Fourth Districts.
3. Fifth and Sixth Districts.

*No. of Sect. Districts composing Section.*

4. Seventh and Eighth Districts.
5. Ninth and Tenth Districts.

*Senatorial Districts.*

The Counties are given unless otherwise stated.

*District.*

1. Accomac and Northampton.
2. City of Norfolk.
3. Norfolk and Princess Anne.
4. Isle of Wight, Nansemond, and Surry.
5. Sussex, Southampton, and Greensville.
6. City of Petersburg and county of Prince George.
7. Dinwiddie, Amelia, and Brunswick.
8. Powhatan, Cumberland, and Chesterfield.
9. Lunenburg, Nottoway, and Prince Edward.
10. Mecklenburg and Charlotte.
11. Pittsylvania.
12. Halifax.
13. Henry, Patrick, and Franklin.
14. Bedford.
15. Campbell and Appomattox.
16. The city of Williamsburg and the counties of James City, Charles City, New Kent, York, Elizabeth City, and Warwick.
17. Henrico and Hanover.
18. The city of Richmond.
19. Gloucester, Matthews, and Middlesex.
20. Counties of Richmond, Lancaster, Northumberland, and Westmoreland.

*District.*

21. King and Queen, King William, and Essex.
22. Caroline and Spottsylvania.
23. Stafford, King George, and Prince William.
24. Fairfax and Alexandria.
25. Loudoun.
26. Fauquier and Rappahannock.
27. Madison, Culpeper, Orange, and Greene.
28. Albemarle.
29. Louisa, Goochland, and Fluvanna.
30. Nelson, Amherst, and Buckingham.
31. Jefferson and Berkeley.
32. Hampshire, Hardy, and Morgan.
33. Frederic, Clarke, and Warren.
34. Shenandoah and Page.
35. Rockingham and Pendleton.
36. Augusta.
37. Bath, Highland, and Rockbridge.
38. Botetourt, Alleghany, Roanoke, and Craig.
39. Carroll, Floyd, Grayson, Montgomery, and Pulaski.
40. Mercer, Monroe, Giles, and Tazewell.
41. Smyth, Wythe, and Washington.
42. Scott, Lee, and Russell.
43. Boone, Logan, Kanawha, Putnam, and Wyoming.

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|---|--|
| 44. Nicholas, Fayette, Pocahontas, Raleigh,<br>Braxton, and Greenbrier. | 47. Wetzel, Marshall, Marion, and Tyler.             |
| 45. Mason, Jackson, Cabell, Wayne, and<br>Wirt.                         | 48. Upshur, Barbour, Lewis, Gilmer, and<br>Randolph. |
| 46. Ritchie, Doddridge, Harrison, Pleasants,<br>and Wood.               | 49. Monongalia, Preston, and Taylor.                 |
|   | 50. Brooke, Hancock, and Ohio.                       |

*Apportionment of the House of Delegates (152 Delegates).*

*Places entitled to Three Delegates each.* — The counties of Augusta and Rockingham, and the city of Richmond.

*Places entitled to Two Delegates each.* — The counties of Albemarle, Bedford, Berkeley, Campbell, Fauquier, Franklin, Frederic, Halifax, Hampshire, Harrison, Jefferson, Kanawha, Loudoun, Marion, Monongalia, Monroe, Norfolk, Pittsylvania, Preston, Rockbridge, Shenandoah, and Washington. The counties of Botetourt and Craig together elect two delegates.

*Places entitled to One Delegate each.* — The counties of Accomac, Alexandria, Amherst, Appomattox, Barbour, Brunswick, Buckingham, Cabell, Caroline, Carroll, Charlotte, Chesterfield, Clarke, Culpeper, Dinwiddie, Fairfax, Floyd, Fluvanna, Giles, Gloucester, Goochland, Grayson, Greenbrier, Hanover, Hardy, Henrico, Henry, Highland, Isle of Wight, Jackson, King William, Lee, Lewis, Louisa, Lunenburg, Madison, Marshall, Mason, Mercer, Mecklenburg, Montgomery, Morgan, Nansemond, Nelson, Northampton, Page, Patrick, Pendleton, Pocahontas, Princess Anne, Prince Edward, Prince William, Pulaski, Putnam, Randolph, Rappahannock, Roanoke, Scott, Smyth, Southampton, Spottsylvania, Taylor, Upshur, Warren, Wayne, Wetzel, Wood, and Wythe, and the cities of Norfolk and Petersburg.

The counties of Lee and Scott, in addition to the delegate to be elected by each, shall together elect one delegate.

*Places composing Election Districts, each of which elect One Delegate.* — Alleghany and Bath; Amella and Nottoway; Boone, Wyoming, and Logan; Braxton and Nicholas; Charles City, James City, and New Kent; Cumberland and Powhatan; Doddridge and Tyler; Elizabeth City, Warwick, York, and the city of Williamsburg; Essex, and King and Queen; Fayette and Raleigh; Gilmer and Wirt; Greene and Orange; Greenville and Sussex; King George and Stafford; Lancaster and Northumberland; Matthews and Middlesex; Pleasants and Ritchie; Prince George and Surry; and Richmond and Westmoreland.

At alternate elections, Ohio county has three and two delegates; Brooke and Hancock counties together, one and two; Russell county, two and one; and Tazewell county, one and two.

### XIII. NORTH CAROLINA.

*Government for the Year 1853.*

DAVID S. REID, of Rockingham Co., *Governor* (term of office, from Jan. 1, 1853, to Jan. 1, 1855), Salary.

Jan. 1, 1853, to Jan. 1, 1855),	A furnished house and \$2,000
William Hill, of Raleigh,	<i>Secretary of State</i> , \$800 and Fees.
Daniel W. Courts, of Rockingham Co.,	<i>Treasurer</i> , 1,500
Stephen Birdsall, of Raleigh,	<i>Clerk of the Treas. Dep.</i> , 500
William J. Clarke, of Raleigh,	<i>Comptroller</i> , 1,000
Weldon N. Edwards, of Warren Co.,	<i>Speaker of the Senate.</i>
James C. Dobbin, of Fayetteville,	<i>Speaker of the House of Commons.</i>
John Hill, of Stoke,	<i>Clerk of the Senate.</i>
Thomas B. Bailey,	<i>Clerk of the House.</i>

*Council of State.* — James J. McKay, of Bladen Co.; William K. Lane, of Wayne Co.; Whitmal Stallings, of Gates Co.; John M. Kirkland, of Orange Co.; Montfort S. Stokes, of Wilkes Co.; Archibald Henderson, of Rowan Co.; and Wilson S. Hill, of Guilford Co.

Pay, \$3 per diem while in service, and \$3 for every 30 miles' travelling

## JUDICIARY.

*Supreme Court.*

Thomas Ruffin,	of Orange Co.,	<i>Chief Justice,</i>	\$ 2,500
Frederic Nash,	of Hillsborough,	<i>Associate Justice,</i>	2,500
Rich. M. Pearson,	of Surry Co.,	"	2,500
William Eaton, Jr.,	of Warren Co.,	<i>Attorney-General.</i>	
James Iredell,	of Raleigh,	<i>Reporter,</i>	300
Edm. B. Freeman,	of Raleigh,	<i>Clerk at Raleigh.</i>	
James R. Dodge,	of Morgantown,	<i>Clerk at Morgantown.</i>	

*Superior or Circuit Courts.**Judges.* — Salary, \$ 1,950 each.

Thomas Settle,	of Rockingham.
John M. Dick,	of Greensboro'.
D. F. Caldwell,	of Salisbury.
John W. Ellis,	of Salisbury.
John L. Bailey,	of Hillsborough.
M. E. Manly,	of Newbern.
Wm. H. Battle,	of Chapel Hill.

*Circuit Solicitors.*

W. N. H. Smith,	of Murfreesboro'.
G. S. Stephenson,	of Newbern.
William Eaton,	of Halifax Co.
Cadwallader Jones,	of Hillsborough.
Robert Strange,	of Fayetteville.
Daniel Coleman,	of Concord.
Burgess S. Gaither,	of Morgantown.

The Supreme Court holds three sessions in each year; two in the city of Raleigh, — to wit, on the 2d Monday in June and the last Monday in December, — and one at Morgantown, on the first Monday of August, for the western part of the State; and continues to sit at each term until all the business on the docket is determined, or continued upon good cause shown. It has power to hear and determine all cases in law or equity, brought before it by appeal, or by the parties. It has original and exclusive jurisdiction in repealing letters-pa.ent, and also has power to issue all writs necessary and proper for the exercise of its jurisdiction.

The judges of the Supreme and the Superior Courts are elected by joint ballot of both houses of the General Assembly, to hold office during good behavior. Their salaries cannot be diminished during continuance in office.

Salary of a solicitor, \$ 20 for each court which he attends, and fees for conviction. The Attorney-General receives, in addition, \$ 100 for each term of the Supreme Court which he attends.

The Superior Courts of Law, and the Courts of Equity, are held twice each year in every county of the State. There are seven circuits, of about ten counties each, which the judges ride alternately, never visiting, however, the same circuit twice in succession. The judges of these courts have complete equity jurisdiction.

## FINANCES.

Receipts from Nov. 1st, 1849, to Oct. 31st, 1850,	\$ 219,006.47
Expenditures during the same period,	228,173.24
Excess of expenditures,	9,166.77

*State Debt.* — This is contingent, and arises from indorsements by the State of bonds of railroad companies, to the amount of \$ 1,100,000. From this deduct \$ 13,000 for bonds not used, and \$ 110,000 for bonds paid, which reduces the amount for which the State may be liable to \$ 977,000.

*Deaf and Dumb.* — The corner-stone of the building for the North Carolina Institution

for the Instruction of the Deaf and Dumb was laid April 14, 1848. The Institution is in Raleigh, near the State-House. The grounds have an extent of four acres.

*Lunatic Asylum.* — The Legislature, at a late session, imposed a tax of one cent and three quarters on every \$100 worth of land, and five and a quarter cents on every taxable poll per annum, for four years, to raise a fund for building a lunatic asylum. The tax will yield about \$80,000 in the four years.

The Legislature, at the session in 1850, passed a bill authorizing an agricultural, mineralogical, and botanical survey of the State. The Governor is to make the appointment, and the Surveyor is required personally, or by his assistants, "to visit every county in the State, and examine every thing of interest or value in either of the above departments, to ascertain the nature and character of its products, and the nature and character of its soil, as well as to give an account of its minerals."

#### XIV. SOUTH CAROLINA.

##### *Government for the Year 1853.*

		Salary.
JOHN H. MEANS,	of Fairfield Dist., <i>Governor,</i>	\$ 3,500
Joshua J. Ward,	of Edisto Island, <i>Lieutenant-Governor.</i>	
Benjamin Perry,	of St. Paul's Parish, <i>Secretary of State,</i>	Fees.
James B. McCully,	of Chester C. H., <i>Comptroller-General,</i>	2,000
William Laval,	of Charleston, <i>Treasurer, Lower Division,</i>	2,000
R. C. Griffin,	of Abbeville Dist., <i>" Upper Division,</i>	1,600
William F. Ervin,	of Sumter, <i>Surveyor-General,</i>	Fees.
C. M. Furman,	of Charleston, <i>Pres. Bank of the State of S. C.,</i>	3,000
R. F. W. Allston,	of Georgetown, <i>President of the Senate.</i>	
James Simons,	of Charleston, <i>Speaker of the House.</i>	
W. E. Martin,	of Charleston, <i>Clerk of the Senate,</i>	1,000
Thomas W. Glover,	of Orangeburg, <i>Clerk of the House,</i>	1,000

The Governor is elected by the Senate and House of Representatives jointly, to serve for two years, and is not reeligible until after the expiration of four years. In case of his death, or removal from office, the Lieutenant-Governor acts as Governor.

*Legislature.* — Assembles at Columbia, on the fourth Monday in November, annually. Representatives (124 in number) are chosen for two years, on a mixed basis of population and taxation. Pay, \$3 a day, and 10 cents for every mile of travel. The Senate consists of 45 members, who are elected for four years; one half chosen every second year. Pay of Senators the same as that of Representatives.

##### JUDICIARY.

The judges and chancellors are elected by joint ballot of both houses. They hold their commissions during good behavior, and receive a compensation which can neither be increased nor diminished during their continuance in office. Repeated attempts have been made to limit their tenure to 65 or 70 years, but without success. A judge or chancellor may order a special court, and a chancellor may hear cases, by consent, at chambers.

##### *Chancellors in Equity.*

		Appointed.	Salary.
Job Johnston,	of Newbury,	1830,	\$ 3,000
Benjamin Faneuil Dunkin,	of Charleston,	1837,	3,000

		Appointed.	Salary.
G. W. Dargan,	of Darlington,	1847,	\$ 3,000
F. H. Wardlaw,	of Edgefield,	1851,	3,000

*Judges of the General Sessions and Common Pleas.*

Josiah J. Evans,	of Society Hill,	1829,	3,000
J. B. O'Neill,	of Newbury,	1835,	3,000
D. L. Wardlaw,	of Abbeville,	1841,	3,000
Edward Frost,	of Charleston,	1844,	3,000
T. J. Withers,	of Camden,	1847,	3,000
J. N. Whitner,	of Anderson,	1851,	3,000
Isaac W. Hayne, of Charleston,	<i>Attorney-General,</i>		1,100 and fees.
W. J. Hanna,	<i>Solicitor for Eastern Circuit,</i>		900 and fees.
J. P. Reed,	" <i>Western</i> "		900 and fees.
Simeon Fair,	" <i>Middle</i> "		900 and fees.
T. N. Dawkins,	" <i>Northern</i> "		900 and fees.
M. L. Bonham,	" <i>Southern</i> "		900 and fees.
J. S. G. Richardson, of Smithville,	<i>State Reporter,</i>	1851,	1,500

*Law Court of Appeals, and Equity Court of Appeals.* — The former, consisting of all the law judges, for hearing appeals from the courts of law, and the latter, of all the chancellors, for hearing appeals from the courts of equity, are held in Columbia on the first Monday in May and fourth Monday in November. These courts are also held in Charleston on the second Monday in January, for hearing and determining appeals for the Districts of Georgetown, Horry, Beaufort, Colleton, and Charleston.

*Clerks.* — At Charleston, T. J. Gantt. At Columbia, A. Herbermont.

*Courts for the Correction of Errors,* consisting of all the judges in law and equity, to try constitutional questions, or questions where the law and equity courts are divided, and which are referred thereto by either of the courts, are held at such times, during the sitting of the Court of Appeals, as the chancellors and judges may appoint.

*Courts of Common Pleas and General Sessions.* — These courts have original jurisdiction in all civil cases where legal rights are involved (except in matters of contract where the amount is \$ 20 or under) and in all criminal cases affecting free white men; and appellate jurisdiction in all appeals from Magistrates' Courts, and in appeals from the Court of Ordinary in all cases except in matters of account. They are held in each and every district of the State twice in each year. The times of holding the court for Charleston District are the first Monday in May, to sit six weeks, and the fourth Monday in October, to sit four weeks. Daniel Horlbeck, *Clerk for Charleston District.*

*Courts of Equity* take cognizance of all matters belonging to a court of equity, as contradistinguished from a court of law. A term is held by one chancellor, annually, in each district, except Charleston District, where two terms are held; viz. on the first Monday in February, to sit six weeks, and on the second Monday in June, to sit four weeks.

*City Court of Charleston.* — An inferior court of limited jurisdiction both in civil and criminal causes. William Rice, *Recorder.*

**Ordinary's Court.**— Each district has its own Ordinary. The principal duties of the Ordinary are to grant letters of administration; probate of wills; examine executors and administrators' accounts, &c. His office is the proper depository of wills and other papers relative to the administration of estates. An appeal lies from his determination, in matters of account, to the Court of Equity, and, in all other cases, to the Court of Common Pleas. M. T. Mendenhall, *Ordinary for Charleston District.*

**Magistrates' Courts** have exclusive jurisdiction in matters of contract of and under twenty dollars.

*Court of Magistrates and Freeholders*, for the trial of slaves and free persons of color for criminal offences.

## FINANCES.

The whole amount received during the year ending 30th September, 1851, was as follows:—

From taxation,	£ 491,049.80
From other sources,	42,978.91
Balance, Oct. 1, 1850,	69,428.45
Total receipts,	<u>£ 603,457.16</u>
Whole amount expended during the year ending 30th September, 1851,	395,913.45
Balance in the Treasury, October 1, 1851,	<u>207,543.71</u>

**State Debt.**—The debt of the State is as follows:—

Three, five, and six per cent. State stocks, . . . . .	\$ 333,255.45
Six per cent. stock and five per cent. sterling bonds, fire loan, . . . . .	1,760,253.37
Amount of absolute debt, . . . . .	<u>\$ 2,093,508.82</u>

The State has a contingent debt of \$ 1,051,422.09, being the amount of surplus revenue received from the United States.

*State Bank.*—The profits of the bank for the year ending September 30, 1851, were \$301,438.43. From this amount there has been paid \$53,016.16, for interest on the debt in Europe; also the interest on the 6 per cents (fire loan), amounting to \$49,298.17; and \$1,410.20 have been carried to profit and loss account; leaving the sum of \$197,713.90 applicable to special appropriations.

The aggregate funds of the bank on the 1st of October, 1851, were, . \$ 6,967,303.04

From this deduct bank liabilities, viz. : —

Issues, . . . . .	\$ 2,038,228.12
Due Treasury, . . . . .	207,969.06
Due Treasury for Sinking Fund, redemption of 5 and 6 per cent. stock, . . . . .	668,906.18
Surplus profits to pay appropriations of 1850, . . . . .	197,713.90
State Treasury for loan under act for rebuilding Charleston, . .	1,759,160.11
Due banks, . . . . .	232,292.57
Due depositors, . . . . .	650,348.60
Other debts, . . . . .	90,223.82
Capital, . . . . .	1,122,460.63
	<u>6,967,303.04</u>

*Property of the State, September 30, 1851.*

Bank of the State of South Carolina, for capital, . . . . .	\$ 2,881,620.84
"                    "                    for sinking fund, . . . . .	668,906.18
"                    "                    for the current fund, . . . . .	207,543.71
Shares in S. C. Railroad Company and Southwestern Railroad Bank, .	1,342,350.00
Balances due by tax-collectors, sheriffs, &c., . . . . .	10,936.08
Hamburg bonds, . . . . .	2,057.66
<b>Total, . . . . .</b>	<b>\$ 5,113,414.47</b>

The taxes for the year 1851 were as follows:—Upon 368,913 slaves, \$313,576.05; on



2,757 free negroes, \$5,514.00; on merchandise, \$48,264.12; on interest of money loaned, \$5,701.57; on faculties, professions, &c., \$12,751.11; on town lots, \$73,752.21; on 17,073,412 acres of land, valued at \$10,213,453, \$54,825.85; arrears, &c., \$1,293.54. Total, \$515,678.85.

*Free Schools.* — Number of schools in 1849, 1,023; number of teachers, 1,019; number of scholars, 9,122. Amount expended by the Legislature, in 1849, \$40,561.53. These schools are under the superintendence of commissioners appointed by the Legislature.

*State Lunatic Asylum, Columbia.* — J. W. Parker, Superintendent. The number of patients, Nov. 5, 1850, was 121. Received during the year, 55; whole number, 176. Discharged during the year, cured, 22; improved, 18; and 9 died; leaving in the Asylum, November 5, 1851, 127; of whom 63 were males, and 59 were females; of the 127, 70 were paupers, and 57 pay patients; 74 were single; 32 married; 16 were widows, and 5 widowers. The receipts during the year were \$26,501.43; the expenditures, \$23,702.54.

*Cedar Spring Asylum for the Education of the Deaf and Dumb.* — This Institution was founded in 1849, by Mr. N. P. Walker, and in November, 1851, had 27 pupils.

## XV. GEORGIA.

### *Government for the Year 1853.*

HOWELL COBB,	of Athens,	Governor (term of office	Salary.
expires November, 1853),			\$3,000
Nathan C. Barnett,	of Baldwin Co.,	Secretary of State,	1,600
Walter H. Mitchell,	of Baldwin Co.,	Treasurer,	1,600
Ezekiel S. Candler,	of Carroll Co.,	Comptroller-General,	1,600
Pleasant M. Compton,	of Baldwin Co.,	Surveyor-General,	1,600
Robert E. Martin,	of Milledgeville,	State Librarian.	
J. U. Horne,	} Commissioners to settle the Affairs of	the Central Bank.	
A. H. Keenan,			
W. H. Mitchell,			
Lewis Zachary,	of Newton Co.,	Keeper of the Penitentiary.	
Jesse H. Campbell,	of Baldwin Co.,	Commissioner of Deaf and Dumb.	
Andrew J. Miller,	of Richmond Co.,	President of the Senate, \$5 a day.	
Luther J. Glenn,	of Henry Co.,	Secretary of the Senate,	500
Jas. A. Meriwether,	of Putnam Co.,	Speaker of House of Rep., \$5 a day.	
Thaddeus Sturgis,	of Muscogee Co.,	Clerk of House of Rep.,	500
S. J. Ray,	of Bibb Co.,	State Printer.	

The pay of members of the Legislature is \$5 a day. The Legislature meets biennially. The last Legislature met in November, 1851.

### JUDICIARY.

#### *Supreme Court.*

		Term ends.	Salary.
Eugenius A. Nisbet,	of Macon,	Judge, 1853	\$2,500
Hiram Warner,	of Greenville,	" 1855	2,500
Joseph H. Lumpkin,	of Athens,	" 1857	2,500
Robert E. Martin,	of Milledgeville,	Clerk.	
Thos. R. R. Cobb,		Reporter.	

The judges of the Supreme Court are elected for six years (one every two years) by the General Assembly, and are removable upon address of

two thirds of each house. All causes shall be determined at the first term; and in case the plaintiff is not ready for trial, unless he be prevented "by some providential cause," the judgment of the court below shall be affirmed. Judges of the Superior Court are elected for four years, by the people of the district over which they preside, with jurisdiction exclusive in criminal cases, and in land cases, and concurrent in all other civil cases. Justices of the inferior courts are elected by the people, for four years. Justices of the peace are elected by the people in districts. Each county elects an "ordinary," who holds office for four years, and has the ordinary jurisdiction of a judge of probate, and is paid by fees.

The State is divided into thirteen circuits, with a judge and solicitor for each. The salaries of the judges are \$1,800 each. The Attorney-General is the solicitor for the Middle Circuit.

<i>Circuit.</i>	<i>Judges.</i>	<i>Residence.</i>	<i>Solicitors.</i>	<i>Residence.</i>
Northern,	Eli H. Baxter,	Sparta.	J. B. Weems,	Washington.
Eastern,	Henry R. Jackson,	Savannah.	Thomas T. Long,	Darien.
Southern,	Augustus H. Hansell,	Hawkinsville.	P. F. D. Scarborough,	Hawkinsville.
Western,	James Jackson,	Monroe.	Wm. J. Peebles,	Gainesville.
Middle,	Ebenezer H. Starnes,	Augusta.	John T. Shewmake,	Waynesboro.
Ocmulgee,	Herschel V. Johnson,	Milledgeville.	Thomas P. Saffold,	Madison.
Flint,	James H. Stark,	Griffin.	Joseph A. Thrasher,	McDonough.
Chattahoochee,	Alford Iverson,	Columbus.	Charles J. Williams,	Columbus.
Cherokee,	John H. Lumpkin,	Rome.	John J. Word,	Cassville.
Coweta,	Edward Y. Hill,	Lagrange.	M. M. Tidwell,	Fayetteville.
Southwestern,	William Taylor,		John Lyon,	Albany.
Macon,	Abner P. Powers,	Macon.	W. K. DeGraffenreid,	Macon.
Blue Ridge,	David Irwin,	Marietta.	Edward D. Chisholm,	Vanwert.

Salary.

Jno. T. Shewmake, of Waynesboro, *Attorney-General*, \$250 and perquisites.

Alex. Drysdale, of Chatham Co., *Judge of Court of Oyer and Terminer*, Savannah, \$1,000

Wm. T. Gould, of Richmond Co., *Judge of Court of Oyer and Terminer*, Augusta, 1,000

#### FINANCES.

The public debt of the State consists of bonds issued for the construction of the Western and Atlantic Railroad. Its aggregate amount may be stated at \$1,828,472, of which \$1,756,472 are in federal bonds payable at the treasury, and \$72,000 in sterling bonds sold by Messrs. Reid, Irving, & Co., of London, England. The semiannual dividends of interest, as well as the principal of the sterling bonds, are payable in London. \$23,000 of this debt was payable in January, 1850, and \$10,000 is payable in July, 1853. The rest is redeemable from 1863 to 1874. The annual interest on the debt is \$110,223.33.

The annual receipts into the Treasury for all purposes average nearly \$300,000, and the annual expenditures are about \$290,000. This includes a payment of about \$107,000 for interest on public debt, and nearly 70,000 towards a sinking fund, for the payment of the debt. The chief sources of income are the general tax, and a special tax on bank stock. The principal items of expenditure are, the pay of the Legislature, biennially, about \$65,000; of the civil establishment, including the judiciary, annually, about \$45,000; Deaf and Dumb and Lunatic Asylum, about \$17,000; printing, an annual average of about \$6,000; and miscellaneous expenditures, annually, about \$12,000. The items of interest on, and reduction of, the public debt are additional.

There is in the State an asylum for the deaf and dumb, under the management of commissioners, and another for lunatics, in the hands of trustees.

## XVI. FLORIDA.

*Government for the Year 1853.*

THOMAS BROWN,*	of Tallahassee, <i>Governor</i> (term expires	Salary.
October, 1853),	\$500 annually for expenses of residence, and	\$1,500
Chas. W. Downing,	of Jacksonville, <i>Secretary of State</i> ,	Fees and 600
John Beard,	of Tallahassee, <i>Comptroller</i> ,	1,100
Wm. R. Hayward,	" <i>Treasurer</i> ,	800
David S. Walker,	" <i>Register of Public Lands, and</i>	
	<i>Sup't of Schools</i> , \$1,200 and travelling expenses.	
Robert J. Floyd,	of Apalachicola, <i>President of the Senate</i> ,	\$3 a day.
Neil McPherson,	of Encheeanna, <i>Secretary of the Senate</i> ,	5 a day.
Hugh Archer,	of Leon Co., <i>Speaker of the House</i> ,	3 a day.
Wm. H. Milton,	of Jackson, <i>Clerk of the House</i> ,	5 a day.
James H. Buel,	of Tallahassee, <i>Private Secretary of Governor</i> ,	\$200

The members of the General Assembly are chosen on the first Monday of October, *biennially*. The Assembly meets *biennially* on the third Monday in November.

## JUDICIARY.

*Supreme Court.*

Walker Anderson,	of Pensacola, <i>Chief Justice</i> ,	Salary.
Albert G. Semmes,	of Quincy, <i>Associate Justice</i> ,	\$2,000
Lealie A. Thompson,	of Tallahassee, " "	2,000
John P. K. Savage,	<i>Clerk</i> ,	Fees.

The General Assembly of 1850-51 established a separate Supreme Court, to consist of a chief justice and two associate justices. The Supreme Court holds four sessions annually; one in Tallahassee, on the first Monday in January; one in Jacksonville, on the third Monday in February; one in Tampa, on the first Monday in March; and one in Marianna, on the third Monday in March. When any one or two of the judges of the Supreme Court are disqualified from sitting in any cause, the vacancy is filled by a corresponding number of the Circuit Judges, who, in such case, constitute a part of the Supreme Court. They likewise passed a law providing for a change in the Constitution, so as to give the election of justices of the Supreme Court and judges of the Circuit Court to the people, which is subject to the action of the next General Assembly.

*Circuit Courts.*

Thomas Douglas,	of Jacksonville, <i>Judge</i> ,	Eastern Circuit,	Salary.
J. Wayles Baker,	of Tallahassee, " "	Middle " "	\$2,000
George S. Hawkins,	of Marianna, " "	Western " "	2,000
Joseph B. Lancaster,	of Key West, " "	Southern " "	2,000
David P. Hogue,	of Tallahassee, <i>Attorney-General and Rep.</i> ,		500
		[and \$250 additional as Reporter.	

\* James E. Broome is reported to be elected to succeed Governor Brown.

	Salary.
James M. Landrum, of Walton Co., <i>Solicitor, Western Circuit,</i>	\$ 800
Samuel B. Stephens, of Gladsden, " <i>Middle</i> "	"
John P. Sanderson, of Jacksonville, " <i>Eastern</i> "	"
Ossian B. Hart, of Monroe, " <i>Southern</i> "	"

The State is divided into four circuits, Eastern, Middle, Western, and Southern; and the judges of the Circuit Court, in the order in which they are named above, preside in their respective circuits.

*Finances.*—The receipts from all sources are about \$60,000 a year, and the annual expenditures amount to nearly that sum.

## XVII. ALABAMA.

### *Government for the Year 1853.*

HENRY W. COLLIER, of Tuscaloosa, <i>Governor</i> (term of office expires on the 1st Monday in December, 1853),	Salary. \$ 2,500
Vincent M. Benham, of Montgomery, <i>Secretary of State,</i>	Fees and 1,200
Joel Riggs, of Montgomery, <i>Comptroller of Public Accounts,</i>	2,000
William Graham, of Lowndes Co., <i>State Treasurer,</i>	1,500
J. J. Mickle, of Montgomery, <i>Adj. and Inspector-General,</i>	200
A. P. Pfister, of Montgomery, <i>Quartermaster-General,</i>	150
Michael Tuomey, of Tuscaloosa, <i>State Geologist.</i>	
Francis S. Lyon, of Demopolis, <i>Comm'r &amp; Trustees to settle Affairs of State Bank and Branches,</i>	5,000
Thomas Harrison, of Montgomery, <i>Private Secretary to Governor and Keeper of State-House,</i>	450
Charles McLemore, of Chambers Co., <i>President of Senate.</i>	
John D. Rather, of Morgan Co., <i>Speaker of the House.</i>	

The Senate consists of 33 members, elected for four years, one half going out every two years. The House of Representatives consists of 100 members, elected for two years. The Legislature meets *biennially* in the city of Montgomery, on the second Monday of November. The third biennial session will be held in 1851. The pay of the members of both houses is \$4 a day each. The public records, archives, and offices were removed from Tuscaloosa to Montgomery, in November, 1847. The new State Capitol was destroyed by fire in December, 1849. Another, erected on the same site, was completed November 1, 1851.

### JUDICIARY.

#### *Supreme Court.*

	Salary.
Edward S. Dargan, of Mobile, <i>Chief Justice,</i>	\$ 2,250
William P. Chilton, of Tuskegee, <i>Associate Justice,</i>	2,250
David G. Ligon, of Moulton, "	2,250
Geo. Goldthwaite, of Montgomery, "	2,250
John D. Phelan, of Marion, "	2,250
Marion A. Baldwin, of Montgomery, <i>Attorney-General,</i>	Fees and 425
Thomas S. Mays, of Montgomery, <i>Clerk,</i>	Fees.

The judges of the Supreme Court, and the chancellors, are elected by a joint vote of the two houses of the General Assembly, for six years. The Supreme Court has appellate jurisdiction only, and holds its sessions at the seat of government, on the first Monday of January and June of each year, for hearing and determining points of law taken by appeal or writ of error from the Chancery, Circuit, and Probate Courts. The volumes of reported decisions are thirty-seven in number. The judges now report their own decisions.

#### *Court of Chancery.*

Salary.

Joseph W. Lesesne, of Mobile,	<i>Chancellor Southern Division,</i>	\$ 1,500
James B. Clarke, of Eutaw,	" <i>Middle</i> "	1,500
E. D. Townes,	" <i>Northern</i> "	1,500

The State is divided into three chancery divisions and thirty-nine districts, in each of which one session of the court is held annually, and in some of the larger districts two sessions are held.

#### *Circuit Courts.*

Circuit.	Judges.	Salary.	Residence.	Solicitors.
1st.	Andrew B. Moore,	\$ 1,500	Marion,	Henry C. Lea.
2d.	Nathan Cooke,	"	Haynesville,	James A. Stallworth.
3d.	George D. Shortridge,	"	Montevallo,	William S. Mudd.
4th.	— Moore,	"	Florence,	John S. Kennedy.
5th.	Thomas A. Walker,	"	Jacksonville,	James M. Adams.
6th.	Lyman Gibbons,	"	Mobile,	D. C. Anderson.
7th.	B. W. Huntington,	"	Gainesville,	Daniel Goggin.
8th.	John Gill Shorter,	"	Montgomery,	Marion A. Baldwin.
9th.	Robert Dougherty,	"	Tuskegee,	Johnson J. Hooper.

This court has original jurisdiction in all civil and criminal causes in the State. Two sessions (spring and fall) are held each year in every county. The Solicitors, besides fees, receive a salary of \$ 250, except in the first circuit, where the salary is \$ 350. The Attorney-General acts as Solicitor for the eighth circuit.

In Mobile County the criminal jurisdiction has been transferred to a special

#### *City Court for Mobile.*

Salary.

Alexander McKinstry,	of Mobile,	<i>Judge,</i>	\$ 2,000
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This court holds three terms each year, on the first Mondays of February and June, and second Monday of October, and has concurrent jurisdiction with the Circuit Courts except in real actions.

*Judges of Probate* (who are also *Clerks* of the court and *Registers of Deeds* for their respective counties).

Counties.	Judges.	Counties.	Judges.	Counties.	Judges.
Antauga — Henley Brown,		Clarke — Henry W. Coate,		Dallas — Thomas G. Rainer,	
Baldwin — Patrick Byrne,		Choctaw — Carter N. Wilcox,		De Kalb — Reuben Estes,	
Barbour — Wm. K. Cowen,		Cherokee — Wm. E. McDaniel,		Fayette — John C. Moore,	
Benton — Alexander Woods,		Coffee — James Claxton,		Franklin — Jas. H. Trimble,	
Blount — John C. Gellespie,		Concuh — A. D. Carey,		Green — James R. Evans,	
Bibb — John W. Suttle,		Cocosa — J. W. Suttle,		Hancock —	
Butler — Samuel J. Bolling,		Covington — Wm. T. Acree,		Henry — Hastings C. Owens,	
Chambers — Samuel Pearson,		Dale — Abel Echols,		Jackson — John C. Dixon,	

Counties.	Judges.	Counties.	Judges.	Counties.	Judges.
Jefferson	— Irab Bally,	Mobile	— Edwin Rust,	Shelby	— J. M. McClanahan,
Lawrence	— Hen. H. McGhee,	Monroe	— Charles H. Foster,	St. Clair	— Irby Woolley,
Lowndes	— Edward H. Cook,	Montgomery	— H. N. Watson,	Sumpter	— Benj. J. H. Gainns,
Lauderdale	— W. T. Hawkins,	Morgan	— Thomas Price,	Talladega	— Alex. J. Cotton,
Limestone	— Thos. G. Tyus,	Perry	— James F. Bailey,	Tallapoosa	— Marcus C. Lane,
Macon	— Lewis Alexander,	Pickens	— Tristr. S. Thomas,	Tuscaloosa	— Moses McGuire,
Madison	— John W. Otey,	Pike	— Bird Fitzpatrick,	Walker	— John Irwin,
Marion	— John D. Terrell,	Randolph	— Joseph Burton,	Washington	— T. S. Parker,
Marengo	— James A. Young,	Russell	— Thomas S. Tate,	Wilcox	— John A. Jackson.
Marshall	— Montg. Glibreath,				

In consequence of an amendment of the Constitution of the State, ratified in January, 1850, the preceding list of Judges of the Circuit Courts, Judge of the City Court of Mobile, and Judges of Probate were all *elected by the people* on the first Monday of May, 1850, and for a term of six years.

#### FINANCES AT THE CLOSE OF 1851.

Foreign debt, Nov. 1, 1851,		\$ 3,983,616.77
Annual interest on the same,		206,368.35
Domestic debt, viz:—		
Common school fund,	\$ 1,075,817.64	
University fund,	250,000.00	
Three per cent. fund,	345,403.33	
Total amount of domestic debt,		1,671,220.97
Annual interest on the same,		79,548.46

The State is also liable for \$669,088.95 United States surplus revenue; also for \$418,412.00 bills of the State Bank and branches, not yet redeemed; but a large amount of the latter has been lost or destroyed by accident since the bank went into operation.

The receipts and expenditures for the year 1852 and 1853 combined, are estimated as follows:—

Taxes assessed in 1851 and 1852,					\$ 999,340.00
Balance in the Treasury, Nov. 1, 1851,					823,741.05
					<u>\$ 1,823,081.05</u>
Salaries, &c. of the Executive Department,			Public printing,		12,500.00
	\$ 15,900.00		Interest on domestic debt,		159,548.00
Salaries, &c. of the Judiciary,	54,850.00		Slaves executed,		9,400.00
Pay, &c. of the Legislative Dep't,	60,728.00		Miscellaneous items,		39,422.60
Feeding State prisoners,	18,000.00				
Whole amount of estimated expenditures for two years,					<u>370,340.60</u>
Excess of receipts over expenditures,					<u>\$ 628,999.20</u>
Probable balance in the Treasury, Nov. 1, 1853,					1,452,740.25
To this sum may be added the estimated assets of the State Bank and branches,					\$ 635,000.00
Less by amount of unredeemed bills,					<u>418,412.00</u>
					<u>\$ 266,588.00</u>

*Alabama Penitentiary.* — At Wetumpka. — Whole number in confinement, Oct. 1, 1851, 156. White males, 149; white females, 4; free persons of color, 3. Offences against the person, 55; against property, 101. Under 20 years of age, 15; from 20 to 30, 69; 30 to 40, 35; 40 to 50, 20; 50 to 60, 12; over 60, 3; unknown, 2.

Provision was made by the Legislature of 1851 and 1852 for establishing a State institution called "The Alabama Insane Hospital," the site to be selected by the Governor. Also, \$5,000 were appropriated for "organizing and sustaining an institution for the deaf and dumb."

## XVIII. MISSISSIPPI.

*Government for the Year 1853.\**

		Term expires.	Salary.
HENRY S. FOOTE, of Jackson, Governor,		Jan., 1854,	\$ 3,000
James A. Horne,	Secretary of State,	Nov. 1853,	1,200
William Clark,	State Treasurer,	"	1,500
Daniel R. Russell,	Auditor of Public Accounts,	"	1,500
L. Julienne,	Adjutant-General,		600
M. M. Smith,	Keeper of the Capitol and Librarian,		500
F. L. Swann,	Keeper of the Penitentiary,		1,500
Robert Joselyn,	State Commissioner,		1,500

## JUDICIARY.

*High Court of Errors and Appeals.*

		Term ends.	Salary.
Cotegworth P. Smith, of Woodville, Presid. Judge,	2d Dist.,	1855,	\$ 3,000
William Yerger,	of Jackson, Judge,	1st Dist., 1853,	3,000
Elias S. Fisher,	of Yalobusha, "	3d Dist., 1857,	3,000
David C. Glenn,	of Jackson, Attorney-General,		1,200
C. R. Clifton,	Clerk,		Fees.

The jurisdiction of the High Court is appellate exclusively. There are two terms each year in Jackson, commencing on the first Monday of November and January. The court may continue in session as long as business requires, and may order a special term, or adjourn to meet at any time. The judges are also authorized to meet annually on the third Monday in June, in the town of Oxford, to receive the written and hear the oral arguments of causes from the third district, provided the State is not a party. The Legislature, at its last session, deprived the court of the power to appoint reporters, and elected one, who commenced his duties in July, 1851. The reports are to be called the "Mississippi Reports," and are to be printed, bound, and published in the State of Mississippi. It also abolished the common law form of pleading, and adopted a system somewhat similar to that of chancery or civil law.

The Superior Court of Chancery, held at the Capitol, at Jackson, is in law considered always open. The Chancellor is authorized to hold the same at such times and for such periods as business may require, upon giving three weeks' notice in the newspapers. The District Chancery Courts have concurrent power and jurisdiction, within their respective districts, with the Superior Court of Chancery, where the amount in controversy does not exceed \$500,000, and have the same power as the Chancellor of the State, both in term time and in vacation. Special terms of the District

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\* J. J. Gulon, President of Senate, was acting Governor from Feb. 3, 1851, till Nov. 3, 1851, when his Senatorial term expired. There was an interregnum from Nov. 3 till Nov. 25, when the new Senate, having assembled by executive proclamation, elected as their President James Whitfield of Lowndes County, who was acting Governor from Nov. 25 till Jan. 9, 1852, when H. S. Foote, Governor elect, was inaugurated.

Chancery Courts may be holden by the Vice-Chancellors, respectively, by giving thirty days' public notice.

The Circuit Court has original jurisdiction in civil cases in which the sum in controversy exceeds \$50. For each of the seven circuits, a judge and attorney are elected, every four years, from November, 1849. It has also exclusive criminal jurisdiction.

*Superior Court of Chancery.*

			Salary.
Charles Scott,	of	Chancellor,	\$ 2,600
John T. Simms,	of Jackson,	Clerk.	

*District Chancery Courts.*

Henry Dickinson,	Vice-Chancellor,	Northern District,	\$ 2,000
James M. Smiley,	"	Southern District,	2,000
Seldon S. Wright,	"	Middle District,	2,000

*District or Circuit Courts.*

Dist.	Judges.	District Attorneys.	Dist.	Judges.	District Attorneys.
1	Stanhope Posey.	Edward H. Hicks.	5	Robert C. Perry.	R. S. G. Perkins.
2	Wiley P. Harris.	John E. McNair.	6	Francis M. Rogers.	Isham Harrison.
3	Richards Barnett.	Charles E. Hooker.	7	Hugh R. Miller.	John W. Thompson.
4	John Watts.	George Wood.			

**FINANCES.**

The total receipts into the Treasury from Jan. 1, 1851, to Dec. 11, 1851, were \$221,200.21, of which \$134,646.14 were from the tax of 1850. The disbursements during the same period were \$223,637.15, showing an excess of disbursements over receipts of \$2,436.94. A report of the State Treasurer, dated Feb. 16, 1852, shows that there was due on that date:—

To the sinking fund, . . .	\$ 95,152.22	To the 1st of May, 1851, . . .	50,000.00
To seminary fund, . . .	79,662.57	To the 1st of May, 1852, . . .	500,000.00
To Chickasaw school fund, . . .	8,712.46		
To three per cent. fund, . . .	24,896.09		\$ 516,926.22
To two per cent. fund, . . .	8,502.88	There is now in the treasury, from	
To appropriation to the common		all sources, . . . . .	482,818.65
school fund, viz:—		Deficit, . . . . .	\$ 34,107.57
To the 9th of March, 1850, . . .	200,000.00		

*Mississippi Lunatic Asylum.*—This institution is at Jackson.

**XIX. LOUISIANA.\***

*Government for the Year 1853.*

		Term ends.	Salary.
JOSEPH WALKER, of Rapides,	Governor,	Jan., 1854,	\$ 6,000
J. B. Plauche, of New Orleans,	Lieut.-Governor,	"	\$ 8 a day
	[during the session of the Legislature.]		

\* A Convention was held at Baton Rouge in July to revise the Constitution. The revised Constitution was submitted to the people for ratification November 2, 1852. If ratified, the general elections were to take place on the fourth Monday of December, and the first Legislature would meet on the third Monday of January, 1853. The revised Constitution provides for annual sessions of the Legislature, an elective judiciary, and removes some of the restrictions against the State's contracting debts, and permits the establishment of corporations.



		Term ends.	Salary.
Charles Gayarré,	of New Orleans,	<i>Secretary of State</i> , Jan., 1854,	2,000
J. N. Carreagan,	"	<i>Priv. Sec. to Gov.</i> , Perquisites and	600
George C. McWhorter,	"	<i>Treasurer</i> ,	4,000
Louis Bordelon,	of St. Landry,	<i>Auditor of Accounts</i> ,	4,000
Louis Bringier,	"	<i>Surveyor-General</i> ,	600
Charles N. Rowley,	of Concordia,	<i>Adj. and Insp.-General</i> , 1854,	2,000
Richard Loucks,		<i>Register of Land-Office</i> , "	687.75
R. C. Nicholas,		<i>Superintend. of Education</i> , "	3,000
A. D. Wooldridge,		<i>State Engineer</i> , "	3,500
G. W. R. Bayley,		<i>Assistant Engineer</i> , "	2,000
Henry Dvoz,		<i>State Librarian</i> , "	600
J. B. D. DeBow,		<i>Supt. Bureau of Statistics</i> , "	600

## JUDICIARY.

*Supreme Court.*

George Eustis,	of New Orleans,	<i>Chief Justice</i> ,	1854,	\$ 6,000
Pierre A. Rost,	of St. Charles,	<i>Associate Justice</i> ,	1852,	5,500
Thomas Slidell,	of New Orleans,	"	1856,	5,500
William Dunbar,	of New Orleans,	"	1858,	5,500
W. W. King,	of New Orleans,	<i>Reporter</i> ,		2,500
Isaac Johnson,	of West Feliciana,	<i>Attorney-General</i> ,		3,000
Eugene Lasere,	of New Orleans,	<i>Clerk in New Orleans</i> ,		Fees.
Robert Taylor,	of Opelousas,	" <i>Opelousas</i> ,		"
Duncan S. Goodwin,	of Alexandria,	" <i>Alexandria</i> ,		"
Henry H. Bry,	of Monroe,	" <i>Monroe</i> ,		"

*District Courts of New Orleans: — 1st District.*

Districts.	Judges.	Term ends.	Salary.	Clerks.	Term ends.
1.	John C. Larue,	1856,	\$ 3,500	Alfred Rousseau,	Nov., 1853.
2.	James N. Lea,	1852,	3,500	Thomas C. Poole,	" "
3.	Thomas H. Kennedy,	1856,	3,500	William P. Bedlock,	" "
4.	George Strawbridge,	1852,	3,500	Thomas Gilmore,	" "
5.	A. M. Buchanan,	1856,	3,500	Prosper Le Blanc,	" "

Mortimer M. Reynolds, *District Attorney*. — John L. Lewis, *Sheriff*.

*Other District Courts.*

Districts.	Judges.	Attorneys.	Districts.	Judges.	Attorneys.
2.	Octave S. Rousseau,	C. F. Bienvenue.	10.	J. N. T. Richardson,	Harman A. Drew.
3.	J. Calvin Clarke,	A. N. Jourdan.	11.	E. Barry,	M. Boatner.
4.	Albert Duffel,	E. Legendre.	12.	George W. Copley,	Jacob B. Mathews.
5.	David A. Randall,	G. C. Baby.	13.	Ralph Cushman,	A. J. Isaacs.
6.	John J. Burke,	Robert G. Beale.	14.	Cornelius Voorhies,	A. T. Splane.
7.	James L. Sterling,	J. S. Lyons.	15.	John H. Overton,	P. D. Hardy.
8.	Martin G. Penn,	Nicholas Baylies.	16.	C. A. Bullard,	James Welsh.
9.	Fred. H. Farrar,	P. A. Roy.	17.	Roland Jones,	John S. Gilbert.

*Education.* — The Constitution provides that "there shall be a Superintendent of Public Education, to hold office for two years. Free public schools shall be established throughout the State; the proceeds of lands granted for the purpose, and of lands escheated to the State, shall be held as a permanent fund, on which six per cent. interest shall be paid by the State

for the support of these schools." The yearly sum of \$250,000 is appropriated for the support of the free schools of the State, and is derived from the levy of a tax of one mill on the dollar, and from the imposition of a poll tax of \$1 on each white male inhabitant of the State. The School Fund, January 1, 1850, amounted to \$40,272.63, on which \$19,105.84 of interest had accrued up to that date. The number of school districts in the State, September 30, 1849, was 521; number of schools in operation, 704; number of children in the State between 6 and 16, 53,716; average attendance for the year, 22,927. 20,262 children did not attend school. The average period of tuition was 6 months and 13 days. Amount expended for teachers' salaries, \$195,339; expended for building, renting, or purchasing school-houses, \$134,689,000.

## FINANCES.

Total receipts into the Treasury for the year 1850, . . . . .	\$1,008,175.91
" " " " 1851, . . . . .	836,247.44
Total receipts for 1850 and 1851, . . . . .	\$1,844,423.35
Expenditures for 1850, . . . . .	951,545.00
" " 1851, . . . . .	852,787.54
" " 1850 and 1851, . . . . .	1,804,332.54
Excess of receipts, . . . . .	\$40,090.81

The liability of the State for the property banks was \$14,321,596. This has since been reduced \$3,744,596, leaving this liability of the State \$10,577,000. \$100,320 of the State bonds in favor of the Second Municipality of New Orleans, have been paid. \$465,000 of the State debt proper has been paid, making a reduction of the liabilities of the State, between 1845 and 1850, of \$3,909,916.

## XX. TEXAS.

*Government for the Year 1853.*

	Term ends.	Salary.
P. HANSBOROUGH BELL, of Austin, <i>Governor</i> , Dec. 21, 1853,		\$2,000
Jas. W. Henderson, of Austin, <i>Lieut.-Gov. &amp; Pres. of Senate</i> , 1853,		\$3 a day,
	[during session of Legislature.	
Thos. H. Duval, of Austin, <i>Secretary of State</i> ,		1,000
Thos. J. Jennings, of Henderson, <i>Attorney-General</i> ,		1,500
James H. Raymond, of Austin, <i>Treasurer</i> ,		1,200
James B. Shaw, of Austin, <i>Comptroller</i> ,		1,500
John M. Swisher, of Austin, <i>Auditor</i> ,		1,000
James S. Gillett, of Austin, <i>Adjutant-General</i> ,		1,000
Stephen Crosby, of Austin, <i>Commissioner of the</i>		
	<i>Land-Office</i> ,	1854, 1,500
James Gillespie, of Huntsville, <i>Superintendent of Penitentiary</i> ,		1,000

The sessions of the Legislature are biennial, and are held at Austin, beginning on the first Monday in November. Members receive \$3 a day, and \$3 for every twenty-five miles' travel. The fourth biennial session met at Austin, in November, 1851.

## JUDICIARY.

The Supreme Court consists of a chief justice and two associates, who are chosen by the people for six years. Sessions are held once a year, at Austin, on the 2d Monday of November; at Galveston, on the 1st Monday of January; and at Tyler, on the 1st Monday in April. The court has appellate jurisdiction only coextensive with the limits of the State; but in

criminal cases, and appeals from interlocutory judgments, it is under legislative regulations. The judges of the District Court are elected for six years, and hold a court twice a year in each county. The District Courts have original jurisdiction in all criminal cases, and in all suits, both in law and equity, in which more than \$100, exclusive of interest, is at stake. In criminal cases, if the punishment be not specifically determined by law, the jury shall determine it. In equity causes, either party may demand a jury. The judges of both courts may be removed by the Governor on the address of two thirds of each house; or upon impeachment, to be tried by the Senate. There is also in each county a County Court, sitting once a month as a Court of Ordinary, and once in three months for the transaction of county business. Justices of the Peace, with jurisdiction to the amount of \$100, are elected in precincts for two years.

#### *Supreme Court.*

John Hemphill,	of Austin,	Chief Justice,	1858,	\$2,000
Abner S. Lipscomb,	of Independence,	Associate Justice,	1858,	2,000
Royall T. Wheeler,	of San Augustine,	"	1858,	2,000
Thomas Green,	of Austin,	Clerk,	Fees and 300	

#### *District Courts.*

Judges.	Residence.	Salary.	Attorneys.	Residence.	Salary.
1. R. J. Townes,	Brazoria,	\$1,750	J. C. McGonigal,	Matagorda,	\$500 and fees.
2. John Hancock,	Austin,	1,750	A. H. Chalmers,	Austin,	500 "
3. R. E. B. Baylor,	Independence,	1,750	A. H. Willie,	Brenham,	500 "
4. T. J. Devine,	San Antonio,	1,750	C. W. Peterson,	Brownsville,	500 "
5. A. W. O. Hicks,	Shelbyville,	1,750	R. S. Walker,	San Augustine,	500 "
6. L. D. Evans,	Marshall,	1,750	S. P. Dowley,	Rusk,	500 "
7. C. W. Buckley,	Houston,	1,750	A. M. Branch,	Huntsville,	500 "
8. W. S. Todd,	Clarksville,	1,750	Wm. C. Young,	Clarksville,	500 "
9. R. A. Reeves,	Palestine,	1,750	N. M. Burford,	Tyler,	500 "
10. Fielding Jones,	Victoria,	1,750	Wm. S. Glass,	Victoria,	500 "
11. J. L. Ankrim,	El Paso,	1,750	J. C. Sheldon,	El Paso,	500 "
12. A. W. Arrington,	Brownsville,	1,750	F. Fauntleroy,	Brownsville,	500 "

#### **FINANCES.**

*Public Debt.*—By the act of the Legislature of the 20th of March, 1848, all holders of the liabilities of the late Republic of Texas are required to present them to the Auditor and Comptroller of Public Accounts "on or before the second Monday in November, 1849; and all claims that shall not be presented on or before that time shall be postponed." The claims presented to and acted upon by the Auditor and Comptroller, under the provisions of this law, were to be reported to the Legislature at its next session, "for final adjustment." Those that were not presented and acted upon by the accounting officers before the second Monday of November, 1849, cannot be brought in without further legislative action.

The Auditor and Comptroller, November 12, 1851, made a report to the Legislature upon the debt of Texas, which has been recognized and adopted by the State.

The ostensible or face value of all the claims filed according to law is \$9,647,253, of which the par value is \$4,807,784; and the whole amount not filed \$2,789,738, worth \$2,019,514; making the total ostensible debt \$12,436,991, or \$6,827,278 par. This includes interest. The debt is classified as follows:—

*First Class.*—Consisting of audited or ascertained claims.

*Second Class.*—Claims sufficiently authenticated to be admitted to be audited under the laws of the Republic.

*Third Class.*—Claims not sufficiently authenticated to authorize their being audited under the laws of the Republic.

Amount of	Ostensible.	Par.
First Class, . . . . .	\$ 8,687,132.92	\$ 3,817,321.64
Second Class, . . . . .	962,445.12	892,767.63
Third Class, . . . . .	97,675.10	97,675.10
Totals, . . . . .	\$ 9,647,253.14	\$ 4,807,764.37

The first class embraces all consolidated fund, funded debt, treasury bonds, and audited paper, including the claims for naval vessels, loan from United States Bank, &c.

The second class embraces claims not audited, but for debts contracted by the government under the sanction of law.

The third class embraces claims not provided for by law, though many of them are highly meritorious. Among them are many claims for losses sustained during the war, from the appropriation or destruction of property by the Texan army or that of the enemy.

The act of Congress of September 9, 1850, provided that, as an indemnity for lands ceded by that act, for public property ceded by annexation, and for relinquishment of all claims upon the United States, the United States should pay to Texas \$10,000,000, in 5 per cent. stock, redeemable at the end of 14 years, with interest payable half yearly. \$5,000,000 of this stock was not to be issued "until the creditors of the State holding bonds and other certificates of stock of Texas, for which duties on imports were specially pledged, shall first file in proper form, at the Treasury of the United States, releases of all claim against the United States on account of said bonds or certificates." The executive of the United States has decided "that all the public debt of Texas created prior to the act of Congress of that republic of the 14th of January, 1840, and all the debt of said republic made receivable for all public dues, are debts of Texas for which the duties on imports are specially pledged, and that releases of all claim against the United States for or on account of such debts should be filed in the Treasury Department of the United States before the President will be justified in issuing the second five millions of stock to Texas, as provided in the act of Congress of the 9th of September, 1850."

## XXI. ARKANSAS.

### *Government for the Year 1853.*

ELIAS S. CONWAY,	of Little Rock, <i>Governor</i> (term of office expires November, 1856),	Salary.
David B. Greer,	of Little Rock, <i>Sec. of State</i> ,	Use of a house and \$1,800
Christopher C. Danley,	" <i>Aud. of Pub. Acc'ts</i> ,	Perquisites and 600
John H. Crease,	of Pulaski Co., <i>Treasurer</i> ,	Fees and 800
John H. Hampton,	<i>President of the Senate</i> .	
T. B. Flournoy,	<i>Speaker of the House</i> .	

The Secretary of State, Auditor, and Treasurer are elected by a joint vote of both houses of the General Assembly. The Legislature meets biennially at Little Rock. Number of Senators, 25; of Representatives, 75. Their compensation is \$3 a day during the session, and \$3 for every 20 miles' travel in coming to and returning from the seat of government.

### JUDICIARY.

	<i>Supreme Court.</i>	Term ends.	Salary.
Thomas Johnson,	of Saline Co., <i>Chief Justice</i> ,	1852,	\$1,500
Christopher C. Scott,	of Ouachita Co., <i>Associate Justice</i> ,	1852,	1,500
David Walker,	of Washington Co., "	1856,	1,500

John G. Clendenin, of Little Rock,	<i>Attorney-General,</i>	Salary.
Luke E. Barber,	<i>Clerk,</i>	\$ 600
Elbert H. English,	<i>Reporter,</i>	Fees.
		200

The Supreme Court has appellate jurisdiction only, except in particular cases pointed out by the Constitution. It holds annually two terms at Little Rock, in April and October. The judges are elected by the General Assembly, by a joint vote of both houses, for eight years.

The Circuit Court has original jurisdiction over all criminal cases not expressly provided for otherwise by law; and exclusive original jurisdiction of all crimes amounting to felony at common law; and original jurisdiction of all civil cases which are not cognizable before justices of the peace; and in all matters of contract, where the sum in controversy is over \$100. It holds annually two terms in each circuit. The judges and prosecuting attorneys are elected by the people, the former for four, and the latter for two years.

Judges.	Term expires.	Salary.	Prosecuting Attorneys.	Salary.
1st Circuit, Thomas B. Hanley,	Feb. 1854,	\$ 1,250	Albert H. Ringo,	Fees and \$ 300
2d " John C. Murray,	" 1855,	1,250	T. D. Sorrelle,	" 300
3d " ——— Neely,	" 1854,	1,250	John M. Byers,	" 300
4th " A. B. Greenwood,	" 1854,	1,250		" 300
5th " William H. Field,	" 1854,	1,250	John J. Clendenin,	600
6th " Shelton Watson,	" 1856,	1,250	Allen W. Blevins,	Fees and 300

## FINANCES.\*

Specie in the treasury, October 1, 1848,	\$ 12,682.67
Received from all sources from September 30, 1848, to September 30, 1850,	89,988.19
Total,	102,670.76
Specie expended during the same period,	44,054.71
Balance in treasury, October 1, 1850,	58,616.05
Of which there are due to the 500,000 acre fund,	\$ 41,523.85
Seminary fund,	14,351.10
School fund,	62.71
Counties,	389.54
	56,327.20
Balance, specie applicable to redemption of Treasurer's warrants,	2,288.85
Arkansas bank paper in the treasury, October 1, 1848,	2,005.83
Expended from September 30, 1848, to September 30, 1850,	5.04
Balance in treasury, October 1, 1850,	2,000.79
Treasury warrants issued from September 30, 1844, to September 30, 1846,	69,333.46
Redeemed during same time,	31,552.20
Unredeemed, October 1, 1846,	37,781.26
Issued from September 30, 1846, to September 30, 1848,	107,069.47
	144,850.73
Redeemed in same time,	115,018.25
Unredeemed, October 1, 1848,	29,832.48
Issued from September 30, 1848, to September 30, 1850,	119,894.71
	149,727.19
Redeemed in same time,	132,864.89
Treasury warrants unredeemed, October 1, 1850,	16,862.30
Amount of funds to the credit of the State in the Bank of the State of Arkansas at Little Rock, October 1, 1848, \$76,225.93. Do. October 1, 1850, \$74,725.93.	

\* The sessions of the Legislature are biennial.

*Taxable Property and Taxes for 1849 and 1850.*

	In 1849.		In 1850.	
	No.	Value.	No.	Value.
Polls, . . . . .	25,085	.	26,727	.
Acres of land taxed, . . . . .	4,954,935	.	4,987,919	.
Lands and implements taxed, . . . . .		\$ 15,242,652		\$ 15,762,190
Town or city lots taxed, . . . . .	8,903	1,322,780	9,841	1,289,580
Slaves over 5 and under 60, . . . . .	30,133	11,856,711	32,399	13,455,976
Saw-mills taxed, . . . . .	131	81,171	144	98,130
Tan-yards taxed, . . . . .	92	24,945	92	28,130
Distilleries, . . . . .	51	4,239	38	2,680
Household furniture, . . . . .		42,685		39,660
Pleasure carriages, . . . . .	243	32,057	298	36,566
Horses and mares over 2 years old, . . . . .	45,296	1,593,729	45,916	1,716,780
Mules " " . . . . .	6,542	295,969	7,230	353,609
Jacks and jennies " " . . . . .	316	27,150	338	24,580

## XXII. TENNESSEE.

*Government for the Year 1853.*

WM. B. CAMPBELL,	of Carthage, Governor (term expires Octo-ber, 1853),	Salary.
		\$ 2,000
W. B. A. Ramsey,	of Nashville, Sec. of St. & Int. Imp. Comm'r,	800 & f.
Anthony Dibrell,	" Treasurer,	1,500
Arthur R. Crozier,	" Comptroller of the Treasury,	2,000
West H. Humphreys,	" Attorney-Gen. & Reporter	1,000

## JUDICIARY.

*Supreme Court.*

A. O. W. Totten,	of Jackson,	Judge, Western Division,	\$1,800
Robert J. McKinney,	of Greenville,	" Eastern "	1,800
Nathan Green,	of Lebanon,	" Middle "	1,800
Wm. H. Stephens,	of Jackson,	Clerk, Western "	Fees.
James W. Campbell,	of Knoxville,	" Eastern Division,	Fees.
James P. Clark,	of Nashville,	" Middle "	"

The judges of the Supreme Court are elected by a joint vote of the two houses of the General Assembly, for the term of 12 years. The judges of the inferior courts are elected in the same manner, for 8 years. There are 14 Circuit Courts. Salary of each judge, \$1,500. Each circuit has an attorney, paid by fees.

*Court of Chancery.*

<i>Court of Chancery.</i>			<i>Salary.</i>
<b>Calvin Jones,</b>	<b>of Sommersville, Chancellor, Western Division,</b>	<b>\$</b>	<b>1,500</b>
<b>Thomas L. Williams,</b>	<b>of Knoxville,</b>	<b>" Eastern "</b>	<b>1,500</b>
<b>S. D. Frierson,</b>	<b>of Columbia,</b>	<b>" Middle "</b>	<b>1,500</b>
<b>Bromfield L. Ridley,</b>	<b>of Jefferson,</b>	<b>" Fourth "</b>	<b>1,500</b>

*Circuit Courts.*

Judges.	Residence.	Attorneys.	Residence.
1. Seth J. W. Lucky,	Jonesboro'.	A. A. Kyle,	Rogersville.

Judges.	Residence.	Attorneys.	Residence.
2. Eben'r Alexander,	Knoxville.	D. H. Cummings,	Knoxville.
3. Charles F. Keith,	Athens.	George W. Bridges,	Athens.
4. Alvin Cullom,		M. M. Brien,	Smithville.
5. Samuel Anderson,	Murfreesboro'.	Wm. L. Martin,	Lebanon.
6. Thomas Maney,	Nashville.	R. C. Foster, 3d,	Nashville.
7. Cave Johnson,	Clarksville.	W. B. Johnson,	Clarksville.
8. Edm. Dillahunt,	Columbia.	Archelaus M. Hughes,	Columbia.
9. Wm. Fitzgerald,	Paris.	John A. Rogers,	Dresden.
10. John Read,	Jackson.	D. P. Scurlock,	Jackson.
11. J. C. Humphreys,	Sommerville.	John D. Goodall,	Memphis.
12. R. M. Anderson,	New Market.	W. R. Caswell,	Russelville.
13. A. J. Marchbanks,	M'Minnville.		M'Minnville.
14. Elijah Walker,	Centreville.	R. A. Hill,	Waynesboro'.

*Criminal Court of Davidson County.*

	Salary.
William K. Turner, of Nashville, Judge,	\$1,500

*Common Law and Chancery Court of the City of Memphis.*

William R. Harris, of Jackson, Judge,	\$1,800
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**FINANCES**

*For the Two Years ending October, 1851.*

Total amount received,	\$1,004,004.94
Whole amount expended,	933,431.25
Excess of receipts,	\$70,573.69
In the treasury, Oct. 1851,	222,771.80

The amount of productive property held by the State in 1851 is \$4,128,725.74. The State debt amounts to \$3,651,856.66, and the annual interest on it is \$195,626.37. The amount of school fund owned by the State, \$1,321,655. Ordinary annual expenditure, exclusive of debts and schools, \$290,000.

**XXIII. KENTUCKY.**

*Government for the Year 1853.*

LAZARUS W. POWELL, of Henderson Co., Governor (term of office expires August, 1855),	Salary.	\$2,500
James P. Metcalfe, of Nicholas Co., Secretary of State,		750
Thomas S. Page, of Frankfort, Auditor of Public Accounts,		2,000
James R. Watson, of Frankfort, Assistant Auditor,		900
Elisha A. Macurday, of Frankfort, Register of the Land-Office,		1,250
R. C. Wintersmith, of Louisville, Treasurer,		1,700
John M. Harlan, of Frankfort, Adjutant-General,		150
Clark Knott, of Frankfort, Quartermaster-General,		100
Benjamin Selby, of Trimble, State Librarian,		400
Rob. J. Breckenridge, of Lexington, Sup't of Public Instruction,		750
A. G. Hodges & Co., of Frankfort, Public Printers.		
J. Russell Hawkins, of Franklin Co., Clerk of the Senate,	\$7 per day.	
Thomas J. Helm, of Glasgow, Clerk of the House,	7 per day.	

## JUDICIARY.

*Court of Appeals.*

			Salary.
Elijah Hise,	of Russellville,	<i>Chief Justice,</i>	\$ 1,500
Thomas A. Marshall,	of Lexington,	<i>Judge,</i>	1,500
B. Mills Crenshaw,	of Glasgow,	"	1,500
James Simpson,	of Winchester,	"	1,500
James Harlan,	of Frankfort,	<i>Attorney-General,</i>	\$ 300 and fees.
Jacob Swigert,	of Frankfort,	<i>Clerk,</i>	Fees.
Joseph Gray,	"	<i>Sergeant,</i>	\$ 2 a day and fees.
Benjamin Monroe,	"	<i>Reporter.</i>	

*Louisville Chancery Court.*

Henry Pirtle,	of Louisville,	<i>Chancellor,</i>	\$ 1,500
Charles J. Clarke,	"	<i>Clerk,</i>	Fees.
Henry Dent,	"	<i>Marshal,</i>	Fees.

*Circuit Courts.*

Judges.	Residence.	Attorneys.	Residence.
1. R. K. Williams,	Mayfield.	Oscar Turner,	Blandville.
2. Henry F. Stiles,	Hopkinsville.		
3. Jesse W. Kinchelo,	Hardinsburg.	Alfred Allen,	Hardinsburg.
4. A. W. Graham,	Bowling Green.	Franklin G. Harvey,	Scottsville.
5. Z. Wheat,	Columbia.	E. B. Gaither,	Columbia.
6. William F. Bullock,	Louisville.	Nathaniel Wolfe,	Louisville.
7. John L. Bridges,	Danville.	Phil. B. Thompson,	Harrodsburg.
8. James Pryor,	Carrollton.	R. B. Carpenter,	Covington.
9. Alvin Duvall,	Georgetown.	R. H. Hanson,	Paris.
10. James W. Moore,	Mouat Sterling.	Benjamin D. Lacy,	Owingsville.
11. William C. Goodlee,	Richmond.	Stephen Noland,	Irvine.
12. Green Adams,	Barbourville.	Granville Pearl,	London.

The salary of each circuit judge is \$1,400; attorneys, \$300, besides perquisites and fees. These officers were elected in May, 1851, to serve until August, 1856.

## FINANCES.

*Sinking Fund.*—Certain resources are provided by law for the payment of the interest and principal of the public debt of the State. It is under the management of the Governor, who is chairman *ex officio*, and the Presidents of the Bank of Kentucky, and Northern Bank of Kentucky. The Auditor is Secretary *ex officio*. The receipts of the fund during the year 1851 were \$531,044.54; the expenditures for the same time were \$506,455.06; excess of receipts, \$24,589.48.

*Ordinary Revenue.*—Receipts into the treasury for the year ending October 10, 1851, \$738,245.52; expenditures for the same time, \$733,653.40; excess (including balance of previous year), \$4,592.12. Value of taxable property in 1851, \$317,082,604; increase since 1850, \$17,751,139. The rate of taxation is 17 cents for every \$100 worth of property; 10 cents of which are appropriated for ordinary expenses, 5 cents for the sinking fund, and 2 for the school fund. *Items of taxation.*—19,845,672 acres of land, valued at \$146,477,116; 34,357 town lots, \$35,742,374; 196,188 slaves, \$68,656,217; 332,998 horses, \$12,658,510; 49,694 mules, \$2,264,009; 2,476 jennies, \$174,953; 3,718 stores, \$9,362,457; surplus cash, bonds, &c., \$39,092,992. *Specific taxation.*—On 3,468 carriages and barouches, \$1 each; 4,679 buggies, 50 cents each; 1,833 pianos, \$1 each; 1,422 gold spectacles, 50 cents each; 6,943 gold watches, \$1 each; 3,058 silver lever watches, 50 cents each. Total white males over 21 years old who pay a poll tax for county purposes, 157,410; studs, jacks, and bulls, 2,357, taxed \$5,636; average value of land per acre, \$7.39.



**State Debt.**—The entire debt of the State, January 1, 1852, was \$5,726,307.80; composed of these items:—To individuals, \$4,247,537.40; Southern Bank of Kentucky for stock, \$150,000; Caddock fund, \$2,000; Board of Education, \$1,326,770.40. To pay which the sinking fund receives annually a tax from the banks, and dividends on stocks in the same; premiums on State bonds; dividends on stocks in turnpike roads; dividends from slack-water improvements; 5 cents on each \$100 of property listed for taxation; tax on brokers and insurance companies; excess of revenue at the end of each year, over \$5,000. The interest on the State debt has been punctually paid, and some portion of the principal.

**Common Schools.**—The school fund amounted in December, 1851, to \$1,400,270; consisting of State bonds and bank stocks, besides an annual tax on property amounting to about \$130.00. 99 counties and 5 cities and towns have made reports to the Superintendent for the year 1851. Number of children reported, 186,111; average number at school, 74,343. Money distributed during the year, \$111,666.60. Number of children in the State between the ages of 5 and 16 years, 205,557.

**Board of Internal Improvement.**—David R. Haggard, of Cumberland, President; salary, \$1,000. John M. Sharp of Warren County, and Thomas S. Page (Auditor), members. The latter is Secretary *ex officio*.

There are 95 miles of railroad in actual use from Lexington to Louisville. The railroads from Covington to Lexington and from Maysville to Lexington will be completed during the year 1853. A road from Danville to Lexington (35 miles) is in the course of construction; also a road from Louisville to Nashville.

**State Institutions for the Relief of the Unfortunate.**—Lunatic Asylum at Lexington. — Number of inmates January 1, 1852, 249. Deaf and Dumb Asylum at Danville. — Pupils, 67. School for the Blind at Louisville. — Pupils, 35. Penitentiary. — Number of prisoners, 166. A second Lunatic Asylum at Hopkinsville is nearly completed.

## XXIV. OHIO.\*

### Government for the Year 1853.

		Term expires.	Salary.
REUBEN WOOD,	of Cuyahoga Co., <i>Governor</i> ,	Dec., 1854,	\$1,800
Asa G. Dimmock,	of Coshocton Co., <i>Warden of the State Penitentiary</i> ,		1,200
William Medill,	of Lancaster, <i>Lt.-Gov. &amp; Pres. Sen.</i> ,	Jan., 1854,	\$5 a day
	[during the session of the Legislature.]		
William Trevitt,	of Columbus, <i>Sec. of State and Sup't of Schools</i> ,	Jan., 1854,	1,400
Wm. D. Morgan,	of New Lisbon, <i>Auditor of State</i> ,	Jan., 1856,	1,600
John G. Breslin,	of Tiffin, <i>Treasurer of State</i> ,	Jan., 1854,	1,500
George E. Pugh,	of Cincinnati, <i>Attorney-General</i> ,	"	1,400
Geo. B. Merwin,	of Cleveland, <i>Adjutant-General</i> ,		300
Jabez Ritch,	<i>Commissary-General</i> ,		
S. W. Andrews,	of Columbus, <i>Quartermaster-General</i> ,		200
Thomas Powell,	of Cincinnati, <i>Paymaster-General</i> .		
Elijah Hayward,	of McConnellville, <i>Librarian of the State Library</i> ,		600

### Commissioners of the Board of Public Works.

Alex. P. Miller,	of Hamilton Co.,	Jan., 1854,	1,500
G.W. Manypenny,	of Zanesville,	Jan., 1855,	1,500
James B. Steedman,	of Toledo,	Jan., 1856,	1,500

\* For an abstract of the Constitution of Ohio, and for a list of the senatorial and judicial districts, see the American Almanac for 1852, page 295 *et seq.*

## JUDICIARY.

*Supreme Court.*

The Supreme Court consists of five judges, chosen by the people at large, a majority of whom form a quorum. It has original jurisdiction in *quo warranto*, *mandamus*, *habeas corpus*, and *procedendo*, and appellate jurisdiction. It holds at least one term in each year, at the seat of government, and such other terms as may be provided for by law. The judges after the first election (in 1851) were classified by lot, so that one should hold for one year, one for two years, one for three years, one for four years, and one for five years. At all subsequent elections, each of the judges will be chosen for five years.

		Term expires.	Salary.
Thomas W. Bartley, of Mansfield,	<i>Chief Justice,</i>	Jan. 14, 1854,	\$ 1,700
John A. Corwin, of Urbanna,	<i>Judge,</i>	" 1855,	1,700
Allen G. Thurman, of Chillicothe,	"	" 1856,	1,700
Rufus P. Ranney, of Warren,	"	" 1857,	1,700
Wm. B. Caldwell, of Cincinnati,	"	" 1858,	1,700
Thomas Kendall, of Columbus,	<i>Clk. of Ct. in Banc. and Sup. Ct. Franklin Co.</i>		
Geo. W. McCook, of Steubenville,	<i>Reporter,</i>		300

*Courts of Common Pleas.*

The State is divided into nine Common Pleas districts, of which the county of Hamilton forms one. These districts are subdivided into three parts, from each of which one judge, to reside while in office in his district, is chosen by the electors of each subdivision for five years. Courts of Common Pleas are held by one or more of the judges, in every county, and more than one court may be held at the same time, in each district. District Courts composed of the judges of the Court of Common Pleas of the respective districts, and of one of the judges of the Supreme Court, any three of whom form a quorum, are held in each county at least once in each year. The District Courts have the same original jurisdiction with the Supreme Court, and appellate jurisdiction. There is a Probate Court, with the usual probate jurisdiction, in each county, open at all times, holden by one judge, who is chosen by the voters of each county, for three years. Justices of the peace are elected in each township, for three years. Clerks of the Common Pleas are chosen in each county, by the people, for three years.

Dist.	Sub-Dist.	Judges.	Residence.	Dist.	Sub-Dist.	Judges.	Residence.
1.	{	1. A. G. W. Carter,	Cincinnati.	6.	{	1. Rollin C. Hurd,	Mt. Vernon.
		2. Stanley Matthews,	Cincinnati.			2. James Stewart,	Mansfield.
		3. Donn Pratt,	Cincinnati.			3. Martin Welker,	Millersburg.
2.	{	1. Abner Haines,	Hamilton.	7.	{	1. Henry C. Whiteman,	Lancaster.
		2. Ralph S. Heart,	Dayton.			2. Wm. V. Peck,	Portsmouth.
		3. Wm. A. Rogers,	Springfield.			3. Simeon Nash,	Gallipolis.
3.	{	1. Benj. T. Metcalf,	Lima.	8.	{	1. Richard Stillwell,	Zanesville.
		2. John M. Palmer,	Defiance.			2. Robert J. Alexander,	St. Clairsville.
		3. Lawrence W. Hall,	Findlay.			3. Thomas L. Jowett,	Cadiz.
4.	{	1. Lucius B. Otis,	Norwalk.	9.	{	1. George W. Balden,	Canton.
		2. Samuel Humphreysville,	Medina.			2. Luther Day,	Ravenna.
		3. Samuel Starkweather,	Cleveland.			3. Reuben Hitchcock,	Painesville.
5.	{	1. Shepard F. Norris,	Georgetown.	The salaries of these judges is \$ 1,500, and their terms of office expire on the second Monday of January, 1857.			
		2. John L. Green,	Chillicothe.				
		3. James L. Bates,	Columbus.				



The number and value of the domestic animals in the State, by the assessors' returns for 1851, were as follows: — Number of horses, 517,396, — value, \$ 20,337,442; number of mules, 2,238, — value, \$ 105,968; number of cattle, 1,116,145, — value, \$ 11,352,590; number of sheep, 3,619,674, — value, \$ 2,060,012; number of hogs, 1,456,643, — value, \$ 2,297,229. Total value of domestic animals, \$ 36,183,601. The whole value of personal property, inclusive of the above, upon the duplicates, was \$ 102,478,340.

*Common Schools.* — The Constitution provides that "there shall be a thorough and efficient system of common schools established throughout the State," and that "the principal of all funds granted or intrusted to the State for educational purposes shall for ever be preserved inviolate and undiminished, and the income therefrom shall be faithfully applied to the specific objects of the original grants or appropriations." The school fund consists (1.) of certain *trust funds*, the proceeds of lands originally given to certain districts of territory in the State, upon which the State pays the interest annually to the several counties in the proper district, according to the number of youth therein; (2.) of the *State Common School Fund*, which by the act of March 24, 1851, § 30, is made to consist of "the interest of the purchase money of the Salt Lands; the balance of the Surplus Revenue Fund; the interest of the Surplus Revenue Fund paid by the counties; receipts from peddlers' licenses, from auction duties, from taxes upon lawyers and physicians, and upon banks, and insurance and bridge companies; and of such taxes, to be levied by the General Assembly, as shall be sufficient, with the above revenues, to produce, for annual distribution, the sum of \$ 300,000." The amount of the Common School Fund for distribution for the year ending November 15, 1851, including a balance of the previous year, of \$ 11,022.45, was \$ 236,569.29; of this amount, there were paid to counties \$ 198,079.78. From the special school and trust funds there were paid \$ 100,178.63; making the whole amount paid by the State for schools, during the year, \$ 298,258.41.

*Statistics of Common Schools for 1851.* — Number of townships in the State, 1,316; number reported, 1,121. Number of whole districts in the State reported, 9,783; of fractional districts, 1,519; of common schools in the State, 12,664; of male teachers, 8,350; of female, 5,706; of enrolled scholars, males, 238,571, females, 207,426; average daily attendance of scholars, males, 203,487, females, 159,760. Wages paid teachers from public funds, males, \$ 398,744.27; females, \$ 135,336.96. Paid teachers from all other sources, males, \$ 111,759.47; females, \$ 40,254.20. Months that schools were taught, males, 29,041.34; females, 16,064.34. 300 school-houses were built during the year, at a cost of \$ 109,303.77. Amount of building funds raised, \$ 102,811.41; amount of tax on duplicates, \$ 222,020.55; received by reporting counties from State fund, \$ 610,257.28; received from all sources, \$ 587,659.51.

*Ohio Lunatic Asylum, Columbus.* — Samuel H. Smith, Superintendent. Number in the Asylum, November 15, 1850, 318, 170 males and 148 females; received during the year, 283, 133 males and 150 females. Whole number treated, 601; 303 males, 298 females. Discharged during the year, 300, 153 males and 147 females; of these 163, 77 males and 86 females, were recovered; 46, 30 males and 16 females, were improved; 51, 27 males and 24 females, were unimproved; and 40, 19 males and 21 females, died. The actual expenses of the institution for the year were \$ 31,721.82.

*Ohio Penitentiary, Columbus.* — Daniel W. Brown, Warden. The number of prisoners, November 30, 1850, was 424. Number admitted during the year, 204. Whole number during the year, 628. Of these there have been discharged by expiration of sentence, 57; by pardon, 77; by death, 9; by writ of error, 1; sent to Lunatic Asylum, 7; escaped, 8; in all, 159. Number in confinement, Nov. 30, 1851, 469. Of the 204 admitted, 155 were committed for offences against property, including burglary, larceny, counterfeiting, horse-stealing, &c., 11 for arson, 7 for forgery, and 44 for offences against life or the person. The costs of prosecution and the charges for transportation of the convicts admitted during the year, were \$ 26,567.65. The receipts of the prison for the year were \$ 39,374.28. Expenses, \$ 35,517.74. Balance in favor of the prison, \$ 3,856.54. There is a library connected with the prison, for the use of the convicts, of nearly 8,000 volumes.

*Deaf and Dumb Asylum, Columbus.* — J. Addison Cary, Superintendent. The Asylum has been in actual operation 22 years, during which time there have been 499 pupils. The

number present, December 30, 1851, was 132, 73 males and 60 females. The expenses of the year were \$ 13,331.92. Terms of admission \$ 100 for session of ten months, payable quarterly in advance, which covers all expenses but clothing, travelling, and physicians' bills in cases of sickness. Session commences first Wednesday in, October, and ends last Wednesday in July. During vacation, board at the Asylum is \$ 1.25 per week.

*Institution for the Blind, Columbus.*—George McMillen, Superintendent. The number, including graduates, and assistants in this institution, was, December 25, 1850, 73; 40 males and 33 females. The oldest was 38 years of age, and the youngest 8; average 18½ years. 48 were under 21, and 25 over 21. During the year ending December 31, 1851, there were 69 pupils in the institution, 39 males and 30 females. 4 supported themselves, 1 was supported by friends, and 64 by the State. The expenditures for the year were \$ 11,202. Applicants for admission must be between the ages of 6 and 21. If able to pay, the charges are \$ 100 for the 10 months' session, exclusive of clothing and travelling expenses. Session is from October 1 to August 1.

*Statistics of Crime.*—From the report of the Attorney-General it appears that during the year 1851 there were 1,336 prosecutions, 1,014 convictions, and 154 acquittals. The punishments were:—*Penitentiary*, for 10 years and over, 1; under 10 years, 58; *County Jail*, 85. The amount of fines was \$ 9,202.58; of costs, \$ 14,518.17; of collectable costs, \$ 4,658.25; of bonds forfeited, \$ 4,350. The number of crimes committed under the influence of spirituous liquors was 166.

## XXV. MICHIGAN.

### *Government for the Year 1853.*

ROBERT McCLELLAND, of Monroe, Governor (term of office expires		Salary.
1st Monday of January, 1855,		\$ 1,500
A. Parsons,	of	Lieutenant-Governor, \$ 6 per diem
		[during the session of the Legislature.
William Graves,	of	Secretary of State, Fees and 800
John Swegles,	of Hillsdale,	Auditor-General, 1,000
B. C. Whittemore,	of Pontiac,	State Treasurer, 1,000
William Hale,	of Detroit,	Attorney-General, Exp. and 700
Francis W. Sherman,	of Marshall,	Sup't of Public Instruction, 500
Porter Kibbee,	of Mt. Clemens,	Comm'r of Land-Office, 1,000
John E. Schwarz,	of Detroit,	Adj.-Gen. and Q. M. Gen., 450
W. C. Pease,	of Jackson,	Agent of State Prison, 750

The seat of government is located permanently at Lansing, Ingham County, to which place the public offices were removed in December, 1847.

### JUDICIARY.

Circuits.	Supreme Court.		Salary.
1. Warner Wing,	of Monroe,	Chief Justice,	\$ 1,500
2. Charles W. Whipple,	of Niles,	Associate Justice,	1,500
3. Samuel T. Douglass,	of Detroit,	"	1,500
4. David Johnson,	of Jackson,	"	1,500
5. Abner Pratt,	of Marshall,	"	1,500
6. Joseph T. Copeland,	of Pontiac,	"	1,500
7. Sanford M. Green,	of Flint,	"	1,500
8. George Martin,	of Grand Rapids,	"	1,500
Randolph Manning,	of Pontiac,	Reporter	500

## FINANCES.

Balance in Treasury, Nov. 30th, 1849,	\$ 55,447.39
Total receipts into the Treasury for the fiscal year,	429,268.28
Total available means for the year,	\$ 484,715.67
Total expenditures during the fiscal year,	449,355.40
Balance in the Treasury, Nov. 30th, 1850,	\$ 35,360.27

*Chief Sources of Income.*

General taxes and sales of lands, \$ 300,000.00	Judiciary, . . . . .	\$ 9,154.83
Specific State taxes, . . . . . 24,404.20	State prison, . . . . .	6,000.00
	To counties for taxes, . . . . .	6,637.27
<i>Principal Items of Expenditure in 1850.</i>	Expenses of sales of tax lands, . . . . .	14,045.37
Legislature, . . . . . \$ 54,607.58	State Library, . . . . .	142.86
Constitutional Convention, . . . . . 31,463.05	School moneys apportioned, . . . . .	42,794.44
Executive, . . . . . 11,953.16	Treasurer of University, . . . . .	9,644.70

The aggregate amount of indebtedness of the State of Michigan, as stated by the Auditor-General in his last report of December 1, 1850, was . . . \$ 2,809,905.83

Some of it draws interest at 7 per cent., but the most of it bears only 6.

The resources and property of the State, other than State buildings and furniture, are stated at . . . . . 628,224.35

Leaving the actual State debt, over and above the resources of the State to be applied in payment, December 1, 1850, . . . . . \$ 2,181,681.48

*Common Schools in 1850.* — Number of districts, 3,097; number reporting, 2,525. Number of children between 4 and 18 attending school during the year, 132,234. Number drawing public money, 125,866. Number of scholars under 4 years of age, 2,056; over 18, 8,346. 4,065 scholars have attended unincorporated, private, or select schools. Amount of school money apportioned, \$ 42,794.44; raised by tax, \$ 81,392.44. Raised for purchasing, building, &c., school-houses, \$ 46,797.01. Received from local funds, \$ 5,389.59. Volumes in township libraries, 84,823. Mill tax for township libraries and support of schools, \$ 17,967.30.

A State Normal School has been established at Ypsilanti, with an endowment of school lands. It is to be under the control of a Board of Education of six persons, appointed by the Legislature.

*Asylum for the Insane, and for the Deaf, Dumb, and Blind.* — By act of the Legislature of 1848, the Michigan Asylum for educating the Deaf, the Dumb, and the Blind was established at Kalamazoo, and by the same Legislature, the Michigan Asylum for the Insane was established at Flint. Both institutions are endowed with lands, and are under the control of a board of five trustees, elected by the Legislature.

*State Prison, Jackson.* — W. C. Pease, Agent. Number of convicts in prison, 30th November, 1849, 109; received during the year, 50; discharged during the year by expiration of sentence, 21; by pardon, 2; by escape, 2; by death, 2; by order of Supreme Court, 1; in all, 28; leaving in prison, 30th November, 1850, 131, of whom 115 were white and 16 colored. Of the 50 received during the year, 25 were committed for larceny, 3 for burglary, 5 for burglary and larceny. The income of the prison during the year was \$ 10,700.58; the expenditures were \$ 16,736.14; deficiency supplied by the State, \$ 6,000. The average number of convicts was 119½, the average value of their labor per day was 33.27 cents for each convict. The number of days lost by sickness, old age, and bad weather was 3,578; by solitary confinement, 641. Of the 131 in prison, 5 were educated at college, 1 at a medical school, 8 in academies, and 91 in common schools; 94 can read and write, 34 can read only, and 3 cannot read; 19 learned to read in prison. 86 were American born, and 45 were foreigners.

*Pauperism in 1850.* — Number of persons relieved or supported, 1,564, at a total expense of \$ 24,575.33. The actual value of the labor of the poor was \$ 381.50.

*Crime in 1850.* — Number of cases prosecuted by indictment, 306; prosecuted otherwise, 223. Of the offences, 112 were assault and battery; 125 larceny; 10 assault with intent to kill; 13 false pretences; 12 burglary and larceny; 24 perjury; 12 passing counterfeit money; 26 violation of license laws.

## XXVI. INDIANA.

*Government for the Year 1853.*

JOSEPH A. WRIGHT, of Rockville,*	Governor (term of office expires in December, 1855),	Salary.
		\$1,300
James H. Lane,	of Lawrenceburg, <i>Lieut.-Governor and President of the Senate,</i>	\$3 a day.
Charles H. Test,	of Wayne Co., <i>Secretary of State,</i>	800
James P. Drake,	of Indianapolis, <i>Treasurer of State,</i>	1,000
E. W. H. Ellis,	of Goshen, <i>Auditor of Public Accounts,</i>	
	[and <i>ex officio</i> <i>Superintendent of Schools,</i>	1,000
Allen May,	of Indianapolis, <i>State Agent,†</i>	2,500
Samuel Beck,	of Indianapolis, <i>Quartermaster-General,</i>	100
David Reynolds,	of Indianapolis, <i>Adjutant-General,</i>	100
Jacob P. Chapman,	of Indianapolis, <i>State Printer,</i>	Profits.
David W. Miller,	of Jeffersonville, <i>Warden of State Prison,</i>	\$600
Samuel H. Patterson,	of Jeffersonville, <i>Lessee of State Prison,</i>	Profits.
Nathaniel Bolton,	of Indianapolis, <i>State Librarian,</i>	\$500
Francis King,	of Indianapolis, <i>Private Secretary to Governor,</i>	300
William H. English,	of Scott Co., <i>Speaker of the House.</i>	
Geo. L. Stiles,	of Allen Co., <i>Clerk of the House.</i>	
John P. Dunn,	of Perry Co., <i>Secretary of Senate.</i>	
Walter March,	of Delaware Co.,	} <i>Commissioners to revise and simplify the Code of Practice.</i>
Jonathan A. Liston,	of St. Joseph Co.,	
George W. Carr,	of Lawrence Co.,	

## JUDICIARY.

*Supreme Court.*

Isaac Blackford,	of Indianapolis, <i>Chief Judge,</i>	\$1,300
Samuel E. Perkins,	of Richmond, <i>Judge,</i>	1,300
Thomas L. Smith,	of New Albany, "	1,300
Henry P. Coburn,	of Indianapolis, <i>Clerk,</i>	Fees.

*Circuit Courts. — July, 1852.*

Circ.	President Judges.	Prosecuting Attorneys.
1st.	Isaac Naylor, of Crawfordsville.	Lewis Wallace, of
2d.	William T. Otto, of Brownstown.	George A. Bicknell, of
3d.	Alex. C. Downey, of Rising Sun.	James Y. Allison, of
4th.	Alvin P. Hovey, of Mt. Vernon.	H. G. Baikwell, of
5th.	Wm. W. Wick, of Indianapolis.	David S. Gooding, of
6th.	Oliver P. Morton, of Centreville.	Joshua A. Mellett, of
7th.	D. R. Eckles, of Green Castle.	Harvey D. Scott, of
8th.	Horace P. Biddle, of Logansport.	George E. Gordon, of
9th.	E. M. Chamberlain, of Goshen.	James S. Frazier, of
10th.	David McDonald, of Bloomington.	Wm. M. Franklin, of
11th.	Jeremiah Smith, of Winchester.	William Garver, of
12th.	E. A. McMahon, of Ft. Wayne.	Benjamin J. Spooner, of
13th.	Wm. M. McCarty, of Brookville.	

\* The Governor, Secretary, Treasurer, and Auditor are required to reside at Indianapolis during their term of office.

† The State Agent of Indiana has an office in the City of New York.

## Common Pleas Courts.

Court.	Judges.	Term ends.	Salary.
Tippecanoe Co.,	A. M. Crane,	of Tippecanoe Co., 1855,	\$1 & fees.
Marion Co.,	Edward Lander,	of Indianapolis, 1856,	Fees.

## FINANCES.

Balance in the treasury, November 1, 1850,	\$347,849.93
Total receipts into the treasury for year ending November 1, 1851,	984,398.95
Total revenue,	\$1,332,248.88
Total warrants on treasury for same period,	1,150,988.66
Balance in treasury, November 1, 1851,	\$181,260.22

## Chief Sources of Income.

Permanent revenue,	\$507,134.01	State library,	\$242.21
State prison,	6,340.03	State prisons,	9,925.19
Common school fund,	54,599.09	Treasury-notes cancelled, and interest on same,	203,474.44
University fund,	11,698.19	Interest on public debt,	203,718.00
Bank tax,	6,199.29	State agency,	4,328.58
Saline fund,	2,881.27	Wabash and Erie Canal scrip,	39,171.68
Railroad tolls, rents, and dividends,	11,645.19	Wabash and Erie Canal, by trustees,	414,273.27
Wabash and Erie Canal, by trustees,	365,761.43	Deaf and dumb,	31,591.16
		Blind,	12,125.00
		Insane Hospital,	30,217.65
		University fund,	8,745.01
		Saline fund,	3,982.76
		Bank tax fund,	2,708.37
		Constitutional Convention,	82,536.57

## Principal Items of Expenditure.

Legislature,	30,420.85
Executive,	4,272.39
Judiciary,	15,612.74
Public printing,	9,815.74

The Auditor's Report shows that the lands assessed for taxes of 1851 amounted to 16,899,670.44 acres. These lands, for the purposes of taxation, were valued at \$89,798,853; improvements at \$31,413,125; town lots and buildings at \$23,127,468; corporation stock at \$2,861,855; personal property, \$61,572,342. Total of taxable property, \$208,773,643. Polls assessed for 1851, 151,523. There is a poll-tax of 75 cents, and an *ad valorem* tax upon property of 25 cents on the \$100, for State purposes. State tax for year 1851, \$696,082.65; county tax, \$533,841.72; road tax, \$154,414.88; school tax, \$183,881.08; other taxes, \$67,712.06; delinquent taxes, \$181,682; total taxes, \$1,817,594.34.

**State Debt.**—Prior to 1847, the State owed on her foreign debt, principal, \$11,048,000; interest, \$3,326,640; total, \$14,374,640. By the acts of the Legislature of 19th January, 1846, and 27th January, 1847, proposals were made to the holders of bonds that they should complete the Wabash and Erie Canal, and take the State's interest in it for one half of this debt, and the State would issue new certificates for the other half, upon which she would pay interest at the rate of 4 per cent. per annum until January, 1853, and after that time at 5 per cent. This constitutes the *Five per Cent. State Stock*. Certificates were also to be issued for one half of the arrears of interest, upon which the State would pay interest at the rate of 2½ per cent. per annum after January, 1853. This constitutes the *Two and a half per Cent. State Deferred Stock*. In this 2½ per cent. stock is also included 1 per cent. per annum upon the principal, which gives the holder of the old bond, when surrendered, 5 per cent. per annum upon the new 5 per cent. stock from the dividend day next preceding his surrender of the old bonds. The above are the only stocks upon which the State considers itself bound to pay either principal or interest, under the arrangement.

"The Canal Stocks are divided into two classes, *Preferred stocks*, and *Deferred stocks*. The former are issued to the holders of original bonds, who, at the time of surrendering the same, subscribed to the loan for the completion of the canal, and are entitled to *preference* in payment, both of principal and interest. The *deferred stocks* are issued to the holders of original bonds at the time of their surrender, who did *not* subscribe to the loan for the canal, and payment is therefore *deferred* until the preferred stocks are entirely liquidated.

"Two sets of stocks are issued in both of these cases, as in the case of State stocks; one



for *principal*, bearing 5 per cent. interest, and the other for *interest*, bearing  $2\frac{1}{2}$  per cent. interest. The former are termed *Five per cent. Preferred Canal Stock*, or *Five per cent. Deferred Canal Stock*, as the case may be; and the latter,  $2\frac{1}{2}$  per cent. *Special Preferred Canal Stock*, or  $2\frac{1}{2}$  per cent. *Special Deferred Canal Stock*.

"The revenues of the canal are appropriated by the trustees, under the act, to the payment of liabilities incurred or assumed by the trust, in a certain order."

October 31, 1851, there had been surrendered of the old bonds, and new certificates taken under this proposition by the State, of principal, \$9,959,000, leaving then outstanding of her old bonds, of principal, \$1,099,000. The State has issued of the new certificates of stock, paying 4 per cent. until 1853, and after that time 5 per cent., \$4,979,500; of  $2\frac{1}{2}$  per cent. stock, she has issued \$1,817,932.50. The State keeps an agency in the city of New York for the surrender of the old stock, issuing the new, and receiving transfers of the new.

The State in 1839-40 authorized the issue of one and a half millions of treasury-notes to pay off her internal improvement liabilities. These notes were made receivable for all State dues, and have been annually returning into the treasury, and are now nearly all withdrawn from circulation. The State also issued bonds for the bank capital, and treasury-notes to pay the bank a debt which the State owed it. But these treasury-notes were based upon a sinking fund belonging to the State and held by the bank. The bank attends to the bonds issued for its capital, and also to the redemption of the notes based upon the sinking fund. The means held by the bank are considered ample for these purposes.

The liabilities of the State and Canal, October 31, 1851, may be thus stated:—

*State Debt.*

State's half principal of bonds surrendered,	\$4,979,500.00
State's half interest on bonds with 1 per cent. of principal, with half of coupons added,	1,817,932.50
Total foreign debt,	\$6,797,432.50
Add domestic debt,	110,045.00
Total foreign and domestic debt,	\$6,907,477.50

*State and Canal Stocks, October 31, 1851.*

The amount of the several stocks issued under the act for liquidating the public debt, up to October 31, 1851, is as follows:—

<i>State Stock.</i>		$2\frac{1}{2}$ per cent. special preferred	
5 per cent. State stock,	\$4,979,500.00	Canal stock,	\$1,215,912.50
$2\frac{1}{2}$ per cent. State stock,	1,817,932.50	5 per cent. deferred Canal stock,	900,000.00
Total State stock,	\$6,797,432.50	$\frac{1}{4}$ per cent. special deferred	
<i>Canal Stock.</i>		Canal stock,	264,512.50
5 per cent. preferred Canal stock,	4,079,500.00	Total Canal stock,	\$6,459,925.00

From and after January, 1853, interest will be paid by the State on its 5 per cent. stock, 5 per cent, and  $2\frac{1}{2}$  per cent. interest upon the  $2\frac{1}{2}$  per cent. State stock. The remaining stocks are thrown upon the Canal, and their redemption, principal and interest, depends upon the receipts from the Canal, in accordance with the provisions of the act above referred to. The provisions of the Constitution in relation to the State debt are as follows:—"The revenues of the public works and surplus taxes, after paying the ordinary State expenses and interest on the State debt, shall be applied to reduce the principal of the debt. No new debt shall be contracted, unless to meet casual deficits in the revenue, to pay the interest on the State debt, or to repel invasion, &c. The Assembly shall never assume any debts, nor shall any county lend its credit to, or borrow money to buy stock in, any incorporated company."

*Asylum for the Deaf and Dumb, Indianapolis, 1851.*—James S. Brown, A. M., Principal. The Constitution provides that "institutions for the instruction of the deaf, dumb, and blind, and for the treatment of the insane, shall be supported by law. Houses of Refuge for the reformation of juvenile offenders shall be established by the Assembly, and the county boards may provide farms as an asylum for those who have claims upon the sympathies and aid of society." All the deaf and dumb of the State between the ages of 10 and 30 are entitled to an education, without charge for board or tuition. The session is annual, and lasts ten months, from first Wednesday in October to last Wednesday in July. The

course of instruction is for five years. The number of pupils throughout the year was 172, 101 males and 71 females. There were in attendance, November, 1851, 113. The expenses of the institution for the year were \$8,437.19.

*Institute for the Blind, Indianapolis, 1851.*—W. H. Churchman, Superintendent. The boarding and tuition of pupils who are children of residents in the State are free. Generally, applicants over 21 years of age are not admitted. The whole number of pupils during the year was 52, 9 of whom were admitted during the year; at the end of the year there were 43. The expenses of the institution for the year were \$7,503.73. Articles manufactured by the pupils, \$1,015.77. The session is for ten months, from first Monday in October to last Wednesday in July.

*Hospital for the Insane, Indianapolis.*—R. J. Paterson, Superintendent, October 31, 1850. There were in the Hospital 80 patients, 40 males and 40 females. During the year ending October 31, 1851, 128 were admitted (68 males, 60 females); 71 were discharged (34 males, 37 females); leaving in the Hospital at the end of the year, 137 (74 males, 63 females). Of the 71 discharged, 52 (24 males and 28 females) were recovered, 4 improved, 2 unimproved, and 13 (9 males and 4 females) died. This institution was opened (part of its buildings only being completed) in December, 1848. The expenses of the institution average about \$100 a patient.

*State Prison, Jeffersonville.*—A. Ruter, Warden. Number in prison, November 30, 1850, 142; received since, 103; discharged during the year, by expiration of sentence, 21; by escape, 8; by pardon, 16; by order of court, 1; by death, 7; in all, 53. In prison, November 30, 1851, 192. Of these, 16 are less than 20 years old; from 20 to 30, 99; from 30 to 40, 40; from 40 to 50, 20; from 50 to 60, 11; from 60 to 70, 5. 8 prisoners are committed for life, 1 for 36 years, and 96 for terms of 2 years or less. 41 have no education, 36 can read only, 147 can read and write, and 1 has a good English education. 81 are married, 9 are widowers, and 102 are single. 83 are intemperate, 45 moderate drinkers, and 64 temperate. 28 are natives of Indiana, 40 of foreign countries, and the remainder of other States. 173 (including two females) are whites, and 17 are blacks. 151 are committed for offences against property, and 39 for offences against the person.

*Common Schools.*—The Constitution provides that "the Common School Fund shall consist of the Congressional Township Fund and the lands belonging thereto, of the Surplus Revenue, Saline and Bank Tax Funds, the fund to be derived from the sale of county seminaries, and moneys and property heretofore held for such seminaries, all fines, forfeitures, and escheats, and lands not otherwise specially granted, including the net proceeds of the sales of the swamp lands granted to the State by the act of Congress of September 28, 1850. The principal of the fund may be increased, but shall never be diminished, and its income shall be devoted solely to the support of common schools. The Assembly shall provide for the election by the people of a Superintendent of Public Instruction, to hold office for two years." The value of these funds is thus stated in Governor Wright's Message of December 2, 1851:—"The School Fund is believed to be as follows:—

Estimated value of County Seminaries and Seminary Funds, . . . . .	\$100,000.00
Amount of Congressional Township Fund, reported and estimated, . . . . .	1,514,853.45
Surplus Revenue Fund, . . . . .	552,529.92
Bank Tax Fund on loan from State Treasury, . . . . .	10,059.85
Bank Tax Fund on hand in State Treasury, . . . . .	1,274.61
Bank Tax Fund distributed to counties, . . . . .	42,634.58
Saline Fund on loan, . . . . .	22,469.11
Saline Fund on hand, . . . . .	1,744.87
Saline Fund distributed to Counties, . . . . .	37,056.07
Common School Fund in State Treasury, from bank profits, exclusive of interest, . . . . .	706,784.62
Sinking Fund on mortgage to November 4, 1851, . . . . .	421,872.28
Estimated value of School Lands unsold, . . . . .	250,000.00
Estimated value of 1,225,000 acres of swamp lands, . . . . .	1,000,000.00
Total, . . . . .	\$4,664,279.36

"In addition to this sum, the fund will be constantly augmented by the receipt of fines and forfeitures, and the profits of the Sinking Fund."

From the report of the Superintendent of Schools it appears that in 1851 there were probably in the State 400,000 children between the ages of 5 and 21. The number of common schools in the State was 5,899; number of children attending school, 225,318. The amount expended for school purposes does not appear.

## XXVII. ILLINOIS.

### *Government for the Year 1853.*

			Salary.
JORL A. MATTESON, of Will Co.,	Governor, and <i>ex officio</i> Land		
Commissioner	(term ends 2d Monday in January, 1857),		\$1,500
Gustavus Koerner, of St. Clair Co.,	Lieutenant-Governor,	\$3 a day during	
	[session, and 10 cents a mile travel.		
Alexander Starne, of Pike Co.,	Secretary of State, (exclusive of clerk hire)		
		[Fees and 800.	
Thomas H. Campbell, of Springfield,	Auditor, (excl. of clerk hire)	1,000	
John Moore, of Randolph Grove,	Treasurer, " "	800	
Sidney Breese, of Carlisle,	Speaker of the House.		
Isaac R. Diller, of Springfield,	Clerk.		
William Smith, of Joliet,	Secretary of the Senate.		

### JUDICIARY.

#### *Supreme Court.*

1st Division,	Lyman Trumbull,	of Belleville,	Judge,	\$1,200
"	F. D. Preston,	of Mt. Vernon,	Clerk,	Fees.
2d Division,	Samuel H. Treat,	of Springfield,	Chief Justice,	1,200
"	Wm. B. Warren,	of Jacksonville,	Clerk,	Fees.
3d Division,	John Deane Caton,	of Ottawa,	Judge,	1,200
"	Lorenzo Leland,	of Ottawa,	Clerk,	Fees.
	E. Peck,	of Chicago,	Reporter.	

This court holds one session in each Division of the State each year. The terms are, — 1st Division, at Mt. Vernon, Jefferson Co., on the 2d Monday in November; 2d Division, at Springfield, on the 3d Monday in December; 3d Division, at Ottawa, La Salle Co., on the 1st Monday of February.

#### *Circuit Courts.*

			Salary.
1st Circuit,	David M. Woodson,	of Carrolton,	Judge, \$1,000
2d "	Wm. H. Underwood,	of Belleville,	" 1,000
3d "	Wm. A. Denning,	of Benton,	" 1,000
4th "	Justin Harlan,	of Marshall,	" 1,000
5th "	Wm. A. Minshall,	of Rushville,	" 1,000
6th "	Ira O. Wilkinson,	of Rock Island,	" 1,000
7th "	Hugh T. Dickey,	of Chicago,	" 1,000
8th "	David Davis,	of Bloomington,	" 1,000
9th "	Edwin S. Leland,	of Ottawa,	" 1,000
10th "	William Kellog,	of Canton,	" 1,000
11th "	Hugh Henderson,	of Joliet,	" 1,000
12th "	Samuel S. Marshall,	of McLeansboro,	" 1,000

				Salary.
13th	"	Isaac G. Wilson,	of Geneva,	<i>Judge,</i> \$ 1,000
14th	"	Benj. R. Sheldon,	of Galena,	" 1,000
15th	"	Onias C. Skinner,	of Quincy,	" 1,000

*Cook County Common Pleas, Mark Skinner, Judge, \$ 800 and Fees.*

## FINANCES.

State debt, January 1, 1851.

Principal debt funded under act of 1847, . . . . .	\$ 5,590,565.36
Interest on same to same date, . . . . .	1,020,278.18
Arrears of interest funded, . . . . .	1,945,485.27
Unfunded Internal Improvement bonds, . . . . .	\$ 180,000.00
Other kinds of indebtedness, . . . . .	144,680.00
Interest on last two amounts, . . . . .	173,261.40
Wiggins loan, principal and interest, . . . . .	142,000.00
Liquidation bonds, . . . . .	150,000.00
	<hr/> 789,941.40
	\$ 9,346,270.21

From which deduct interest paid from mill-and-half tax, bonds surrendered, and sale of lands, &c., . . . . .	561,788.73
	<hr/> \$ 8,784,481.48

The Canal debt on the 1st of January, 1851, may be stated as follows, to wit:—

Canal debt, exclusive of the \$ 1,600,000 loan, . . . . .	\$ 7,079,117.08
Balance due on Canal loan of \$ 1,600,000, . . . . .	1,033,000.00
	<hr/> \$ 8,112,117.08

From which deduct:—

Interest paid from mill-and-half tax, . . . . .	\$ 255,818.51
Bonds and scrip redeemed and interest, . . . . .	13,270.14
	<hr/> 269,088.65

Total Canal debt, . . . . .	\$ 7,843,028.43
Add principal debt as above, . . . . .	8,784,481.48
Aggregate amount of State debt, . . . . .	<hr/> \$ 16,627,509.91

The receipts into the Treasury for the two years ending Novem-

ber 30, 1850, were from taxes, . . . . .	\$ 394,103.53
From all other sources, . . . . .	8,075.74
	<hr/> \$ 402,179.27

The expenditures for the same period were:—

Ordinary expenses of the government, . . . . .	\$ 137,196.16
Special appropriations and expenditures, . . . . .	78,436.90
Interest of funds due Deaf and Dumb Asylum, . . . . .	4,618.98
Issued to School Commissioners, . . . . .	105,698.08
Interest paid on old warrants, . . . . .	176.15
	<hr/> 326,126.27

The receipts for the two years exceeded the disbursements, . . . . .	\$ 76,053.00
The amount of interest fund tax received for the same period was . . . . .	\$ 296,326.89
Amount of interest paid, . . . . .	263,034.50

The whole amount of real and personal estate subject to taxation in 1849 was \$ 105,432,752. Upon which the State tax was \$ 612,428, but which netted \$ 578,763.31.

<i>Common Schools.</i> —Amount of funds devoted to Common Schools, December 29, 1850:—	
Net proceeds of public lands (except one sixth), . . . . .	\$ 454,528.34
Surplus revenue from the United States, . . . . .	335,592.32
	<hr/> \$ 790,120.66

There are besides:—

The University Fund, . . . . .	90,889.68
The Seminary Fund, . . . . .	58,788.72
	<hr/> 149,678.30
Making, devoted to purposes of education, . . . . .	<hr/> \$ 939,798.96

The whole of this sum has been borrowed or appropriated by the State, and devoted to pay the current expenses of the government. The State pays six per cent. interest on the amount. The interest of the Common School Fund is \$47,407.23, which is divided among the several counties, in proportion to the number of white children under the age of 21.

In the 66 counties that made returns for the year 1850, there were 2,641 organized districts; 2,641 school-houses, of which 1,370 were log houses, 925 frame, 139 brick, and 37 stone. 106 of the houses contained more than one room. There were 108 district libraries.

Amount of public money paid teachers' wages, \$148,871.09; amount paid, besides public money, \$81,841.20.

## XXVIII. MISSOURI.

### *Government for the Year 1853.*

		Term ends.	Salary.
STERLING PRICE,	of Chariton Co., Governor,	Dec. 1856,	\$2,000
		[and a furnished house.	
Wilson Brown,	of Cape Girardeau, Lieut.-Governor,	1856,	
John M. Richardson,	of Richmond, Secretary of State and		
	Superintendent of Public Schools,	1856,	1,300
William H. Buffington,	of Cape Girardeau, Aud. of Accounts,	1856,	1,600
Alfred W. Morrison,	Treasurer,		1,350
James B. Gardenhire,	Att'y-General,	1,050 & fees.	
A. P. Richardson,	of Ray County, Register of Lands,	1853,	1,250
Andrew M. Elston,	of Jefferson City, Adjutant-General,		200
Abram M. Falkerson,	" Quartermaster-General,		100
Merryweather L. Clark,	of St. Louis, Surveyor-General,		1,500
James M. Hughs,	of Liberty, President of State Bank.		
A. S. Robinson,	of St. Louis, Cashier " "		2,000

The Lieutenant-Governor is *ex officio* President of the Senate, and receives \$4.50 a day while presiding. The pay of the Speaker of the House of Representatives is the same. Senators are chosen every fourth, and Representatives every second year. Their pay is \$3 a day for the first sixty days, and after that time \$1 per day, except at a revising session, when they may receive \$3 per day for 100 days, and \$1 for the remainder of the session. The Legislature meets at the city of Jefferson, biennially, on the last Monday in December.

### JUDICIARY.

#### *Suprema Court.*

		Term expires.	Salary.
Hamilton Gamble,	of St. Louis,	1857,	\$1,500
John F. Ryland,	of Lafayette Co.,	"	1,500
William Scott,	of Cole County,	"	1,500

The judges of this court are now elected for the term of six years by the qualified voters of the State. They are reëligible at the expiration of their present term. Two sessions of the Supreme Court are held annually, one at Jefferson City, and one at St. Louis. The Attorney-General is *ex officio* Reporter of the Decisions of the Court.

*Circuit Courts.*

Judges.		Salary.	Attorneys.	Salary.
George W Miller,	1st Circuit,	\$1,000		\$ 750 & fees.
W. A. Hall,	2d "	1,000	Charles H. Hardin,	250 "
Carty Wells,	3d "	1,000	Alfred W. Lamb,	250 "
Addison Rees,	4th "	1,000	J. J. Lindley,	250 "
H. Young,	5th "	1,000	S. L. Sawyer,	250 "
George W. Dunn,	6th "	1,000	M. Oliver,	250 "
Waldo P. Johnson,	7th "	1,000	B. H. Emerson,	250 "
Alex. Hamilton,	8th "	3,000	James R. Lackland,	250 "
John H. Stone,	9th "	1,000	Daniel Q. Gale,	250 "
H. Hough,	10th "	1,000	Robert Brown,	250 "
James A. Clarke,	11th "	1,000	W. Halliburton,	250 "
Wm. Br Almond,	12th "	1,000	Thompson Ulard,	250 "
Charles S. Yancy,	13th "	1,000	John T. Coffee,	250 "
Daniel M. Leet,	14th "	1,000	John R. Woodside,	250 "

A Circuit Court is held twice a year in each county. Its jurisdiction extends to all matters of tort and contract over \$90 where the demand is liquidated, and over \$50 where the agreement is parol. It has exclusive criminal jurisdiction, and a supervision over the County Courts and justices of the peace, subject to the correction of the Supreme Court. The judges of the Circuit Court are elected by the qualified voters of their respective districts, and for the term of six years.

In addition to the Circuit and County Courts, St. Louis has a Court of Common Pleas, with a jurisdiction very similar to the Circuit Court, a Criminal Court, a distinct Court of Probate, and a Recorder's Court. The judges of the Circuit and Criminal Court are elected in the same manner and for the same term as the circuit judges.

	<i>Courts of St. Louis.</i>	Salary.
Samuel Treat,	<i>Judge of Common Pleas,</i>	\$ 3,000
James B. Colt,	<i>Judge of Criminal Court,</i>	3,000
Peter G. Furguson,	<i>Judge of Probate,</i>	Fees.
— Dougherty,	<i>Recorder's Office,</i>	1,200

*Court of Common Pleas for the City of Hannibal.*

Thomas Van Swarengin,	<i>Judge,</i>	\$200 and fees.
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These are local tribunals, exercising jurisdiction only in their counties, except the Recorder's Court, whose jurisdiction is confined to small offences and within the limits of the city. From the Court of Common Pleas and Criminal Court, an appeal lies to the Supreme Court, — and the judges of the Common Pleas are appointed like the circuit judges, with like tenures. The probate judge is elected by the people of the county for four years, and the Recorder by the people of the City of St. Louis, for two years.

*County Courts.* — The jurisdiction of these courts is limited to matters of probate and local county affairs, as roads, &c. A County Court sits in each county, and is composed of three justices, who are elected by the people,

and hold their offices for four years. An appeal lies to the Circuit Court. The County Court of St. Louis County is composed of seven judges. They are relieved from probate duties by the separate court above mentioned.

#### FINANCES.

Receipts into the Treasury for the two years ending 30th September, 1850, .	\$ 787,688.71
Add balance in Treasury, October 1, 1848, . . . . .	405,404.90
Total means, . . . . .	\$ 1,192,493.61
Expenditures during the same period, . . . . .	532,585.82
	<u>\$ 659,907.79</u>

Of which sum \$ 569,036.19 belongs to the revenue fund.

*State Debt.* — The State debt, in 1851, exclusive of the surplus revenue deposited with the State, was \$ 922,261, which was the exact amount of the State bonds sold and outstanding. \$ 34,000 of the bonds have been redeemed and cancelled during the year.

State debt, . . . . .	\$ 922,261.00
Deduct Stock in Bank of Missouri owned by State, . . . . .	\$ 272,263.60
Sinking Fund, . . . . .	9,394.78

	<u>281,602.62</u>
Which would give for the debt of the State, . . . . .	\$ 640,602.62
But the Bank claims as due from the State for money advanced and interest, . . . . .	194,026.47
Which, if allowed, would make the debt . . . . .	\$ 764,629.09

The State owns Bank Stocks in the Bank of Missouri, as follows : —

The Seminary Fund, . . . . .	\$ 100,000.00
State School Fund, . . . . .	575,687.96
Sinking Fund, . . . . .	6,273.66
In her own right, . . . . .	272,263.60
	<u>\$ 954,205.22</u>

To the Sinking Fund should be added \$ 3,497.54 dividends not reinvested.

*Common Schools.* — The principal of the Common School Fund exceeds half a million of dollars. The interest of this sum is distributed semiannually among the different counties of the State according to the number of children reported, and this proportion is disbursed among teachers therein.

*State Penitentiary at Jefferson City.* — There were in August, 1852, 230 convicts. The prison is conducted by lessees, who pay an annual rent of \$ 5,000.

*Lunatic Asylum.* — The Lunatic Asylum at Fulton was finished and ready for the reception of patients in 1852. Superintendent, Dr. T. R. H. Smith. It has now 23 patients.

*Deaf and Dumb Asylum.* — Provision was made by the Legislature, in 1850, for the erection of an institution of this character at Fulton. It is now in operation, and has 17 pupils.

*Internal Improvements.* — There are two railroads now in course of construction in the State : — 1st. St. Louis and Pacific Railroad. Of this about 38 miles are completed, from St. Louis westwardly. The whole will be finished to the western line of the State, about 360 miles, in about 3 years, and its proposed terminus is San Francisco, in California. Thomas Allen, President of the Company; residence, St. Louis. 2d. Hannibal and St. Joseph Railroad. It connects the Mississippi and Missouri Rivers at the points named in the title of the road. Its length is about 260 or 300 miles, and the probable period of its completion will be three or four years. Robert S. Stewart, President of the Company; residence, St. Joseph.

#### XXIX. IOWA.

##### *Government for the Year 1853.*

STEPHEN HEMPSTEAD, of Dubuque Co., Governor (term expires	Salary.
December, 1854),	\$ 1,000
G. W. McCleary, of Louisa Co., Secretary of State,	500

			Salary.
William Pattee,	of Lee Co.,	<i>Auditor of Public Accounts,</i>	\$ 600
M. L. Morris,	of Polk Co.,	<i>Treasurer,</i>	400
George Grisby,	of Lee Co.,	<i>Warden of Penitentiary,</i>	400
Thomas H. Benton, Jr.,	of Dubuque Co.,	<i>Sup't of Public Instruction,</i>	1,200
M. L. Morris,	of Polk Co.,	<i>Librarian,</i>	150
Enos Lowe,	of Des Moines Co.,	<i>Pres't of the Senate,</i>	\$ 4 a day.
George Temple,	of Des Moines Co.,	<i>Speaker of the H. of Rep.,</i>	"
P. P. Bradley,	of Jackson Co.,	<i>Secretary of the Senate,</i>	"
C. C. Rockwell,	of Jones Co.,	<i>Ch. Clerk of H. of Rep.,</i>	"
V. P. Van Antwerp,	of Lee Co.,	<i>Com. Des Moines Imprint,</i>	1,000
George Gillaspay,	of Marion Co.,	<i>Register</i>	" " 1,000

The Legislature meets biennially, on the first Monday in December. The pay of the members is \$2 a day for the first fifty days, and 1 a day for the rest of the session, with \$2 for every twenty miles' travel.

### JUDICIARY.

#### Supreme Court.

			Salary.
Joseph Williams,	of Muscatine Co.,	<i>Chief Justice,</i>	\$ 1,000
George Greene,	of Dubuque Co.,	<i>Associate Justice,</i>	1,000
J. F. Kinney,	of Lee Co.,	"	1,000
George Greene (Judge),	of Dubuque Co.,	<i>Reporter.</i>	

The judges of the Supreme Court are elected, by joint vote of the General Assembly, for six years, and until their successors are elected and qualified.

The Supreme Court now holds five sessions, the State being divided into five districts.

J. W. Woods,	of Des Moines Co.,	<i>Clerk of 1st District.</i>	
A. D. Anderson,	of Dubuque Co.,	" 2d "	
T. C. Given,	of Wappello Co.,	" 3d "	
G. S. Hampton,	of Johnson Co.,	" 4th "	
—,	of Polk Co.,	" 5th "	

#### District Courts.

			Salary.
R. P. Lowe,	of Lee Co.,	<i>Judge of 1st Circuit,</i>	\$ 1,000
T. S. Wilson,	of Dubuque,	" 2d "	1,000
J. P. Carleton,	of Johnson Co.,	" 3d "	1,000
W. H. Seevers,	of Mahaska Co.,	" 4th "	1,000
William McKay,	of Polk Co.,	" 5th "	1,000
A. A. Bradford,	of Fremont Co.,	" 6th "	1,000

The judges of the District Court are elected, by the voters in their district, for five years, and until their successors are elected and qualified.

### FINANCES.

The funded debt of the State is \$79,442, on which the interest is \$5,324. To this should be added unpaid auditor's warrants, \$10,771. The revenue is derived from taxes upon real and personal property. The expenditures are the salaries of State officers and court expenses, and for the two years ending November 30, 1850, were, for the Legislature, \$7,458; Executive, \$11,200; Judiciary, \$18,978.70; public buildings at Iowa City, \$3,200; interest, \$11,691.81; public printing, \$8,027.75. Total, \$75,409.90. As the sessions of the Legis-



lature are biennial, the ordinary annual expenditure, exclusive of debts and schools, is about \$25,000.

The aggregate valuation of taxable property (according to the assessors' returns for 1850), is \$22,623,334, being \$4,114,567 more than in 1849. Levy for State purposes, 24 mills on \$1. The State tax in 1849 was \$47,395.86, and in 1850 was \$56,558.33, being an increase of \$9,916.18.

*Common Schools.* — It is provided by the Constitution, that a Superintendent of Public Instruction shall be chosen by the people for three years, and that all lands granted by Congress to this State, all escheated estates, and such per cent. as may be granted by Congress on the sale of the public lands in Iowa, shall constitute a perpetual fund, the interest of which, and the rents of the unsold lands, shall be applied to the support of common schools. The Assembly shall provide for a school in each school-district, for at least three months in each year; and all moneys received for exemption from military duty, and for fines imposed by the courts, shall be appropriated to support such schools, or for the establishment of school libraries. The money arising from the lease or sale of public lands granted for the support of a university shall remain a perpetual fund to maintain such an institution. Permanent School Fund, Nov. 1st, 1848, \$132,908.52.

### XXX. WISCONSIN.

#### *Government for the Year 1853.*

	Term expires.	Salary.
LEONARD J. FARWELL, of Madison, <i>Governor</i> ,	Dec. 31, 1853,	\$1,250
Timothy Burns, of La Crosse, <i>Lieut.-Governor</i> ,	"	"

[A per diem while Legislature in session.

Chas. D. Robinson, of Green Bay, <i>Sec. of State &amp; Auditor</i> ,	1853,	1,000
Edward H. Janssen, of Washington Co., <i>Treasurer</i> ,	"	800
Experience Estabrook, of Geneva, <i>Attorney-General</i> ,	"	800
Azel P. Ladd, of Shullsburg, <i>Sup't of Public Instr.</i> ,	"	1,000
William Dudley,		<i>Librarian.</i>
G. Van Steenwyk, <i>State Emigrant Agent</i> , Office No. 110, Greenwich Street,		<i>New York City.</i>

James M. M. Shafter, of Sheboygan, <i>Speaker of the House</i> .	
John K. Williams, of Shullsburg, <i>Chief Clerk of Senate</i> .	
Alexander T. Gray, of Janesville, <i>Chief Clerk of House</i> .	

#### JUDICIARY.

##### *Circuit Courts.*

Edward V. Whiton, of Janesville, <i>Chief Justice</i> ,	Dec. 31, 1853,	\$1,500
Mortimer M. Jackson, of Mineral Point, <i>Ass. Justice</i> ,	1852,	1,500
Charles H. Larrabee, of Ozaukee,	" 1854,	1,500
Wiram Knowlton, of Prairie du Chien,	" 1855,	1,500
Timothy D. Howe, of Green Bay,	" 1856,	1,500
Levi Hubbell, of Milwaukee,	" 1856,	1,500
Harlow S. Orton, of Madison,		<i>Reporter, and Governor's Sec.</i>
Samuel W. Beall, of Taycheedah,		<i>Clerk.</i>

Judge Hubbell belongs to the 2d circuit; and Judges Jackson, Whiton, Larrabee, Knowlton, and Howe, to the 5th, 1st, 3d, 6th, and 4th, respectively. The judicial power of this State is vested in a Supreme Court, Cir-

cuit Courts, County Courts, and justices of the peace. Justices of the peace are elected in the several towns, hold office for two years, and have jurisdiction throughout their counties in civil matters when the debt or damages claimed do not exceed \$100.

A County Court is established in each county. The judge is elected by the voters of the county, and holds office for four years. This court has jurisdiction concurrent with the Circuit Courts in all civil actions arising within or without the county when the debt or damages claimed do not exceed \$500, and exclusive appellate jurisdiction in all cases of appeal or *certiorari*, from justices of the peace. It has also probate powers and jurisdiction.

The State is divided into six judicial circuits. A judge is elected by the voters of each circuit, for the term of six years. The Circuit Courts have general original jurisdiction in actions civil and criminal, at law and equity, within their circuits.

The Supreme Court is composed of the judges of the circuits, one of whom is by the other judges elected Chief Justice. Except the power to issue writs of *mandamus*, *quo warranto*, and the like, this court has appellate jurisdiction only, and is the court of last resort. There can be no trial by jury in this court.

By a law of the last session, a separate Supreme Court, to consist of a Chief Justice and two Associates, at a salary of \$2,000, is created, to be organized in June, 1853. The election of judges was held in September, 1852. Upon the organization of the separate court, the present court becomes simply a Circuit Court (*nisi prius*), and the new court takes the appellate powers as now existing.\*

An institution for the education of the blind was organized in 1850, at Janesville. A tax of one fifteenth of a mill on every dollar of taxable property in the State is levied for its aid. The name is the Wisconsin Institute for the Education of the Blind. It was opened August 1, 1850. J. T. Axtell was superintendent until October, 1851, when Alexander McDonald was appointed. The number of pupils, Dec. 18, 1851, was 8, 6 boys and 2 girls. The expense of conducting the institution for the year was \$1,830.

A State Prison has just been erected at Waupun, Fond du Lac County.

*Internal Improvements.* — The improvement of the Fox and Wisconsin Rivers is in progress, with the intention of ultimately connecting the rivers by a canal, and thus giving uninterrupted navigation from the Mississippi to Lake Michigan. This is undertaken upon a grant of land from Congress for that purpose; the State being trustee for the "Improvement," and appointing a Board of Public Works, the Governor having general supervision. A part of the work has been let under contract, and a part is being done by the board directly. Trunk roads are being extended from all the lake towns into the interior.

*Common Schools.* — By the report of the Superintendent of Public Instruction, it appears that the capital of the School Fund, December 31, 1851, was \$765,109.49, the interest of which at 7 per cent. is \$53,557.66. This is derived from sales of the school lands in the years 1849, 1850, and 1851, from the 5 per cents, and from fines and loans. The Superintendent states that the prospective fund to arise from sales of lands devoted to school purposes will amount to \$5,301,943.44. The sum of \$60,213.47 was, January 1, 1852, in the treasury, to be apportioned among the several towns in the State. For the year ending

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\* The judges elect of this court are Edward V. Whiton, *Chief Justice*; Samuel Crawford of Mineral Point, and Abram O. Smith of Milwaukee, *Justices*.

August 31, 1851, returns were received from all but three counties in the State. Of the 342 towns in the counties heard from, all but 4 made reports. The number of school-districts in the State was 2,300. 79,869 out of the 111,431 children residing in the State, between the ages of 4 and 20, attended school. 1,318 children under 4 years of age, and 966 over 20, attended school. Average monthly wages of male teachers, \$17.15; of female, \$9.07. \$96,636.06 were expended for teachers' wages, \$3,939.20 for libraries, and \$5,863.01 for other purposes. There are 53 school-houses of brick, 55 of stone, 704 of logs, and 697 framed, and all are valued at \$229,506.61. The highest valuation of any school-house is \$6,848, and the lowest 3 cents. There were 129 private or select schools, and the number of pupils attending the same was 2,850.

## FINANCES.

Total receipts for the year ending December 31, 1851, . . . . . \$184,036.61  
Total expenditures during the same period, . . . . . 171,667.09

Balance in the Treasury, January 1, 1852, . . . . . \$12,369.52

*Chief Sources of Revenue.*

State taxes, . . . . . \$60,566.01 Printing, . . . . . \$10,614.08  
State convicts (there being no prison), 4,024.71

Sales of land and interest on sales make up the balance. Miscellaneous, including repairs on State Capitol, . . . . . 9,732.80  
Erecting Penitentiary, . . . . . 5,000.00

*Chief Items of Expenditure.*

Salaries of Executive and Judiciary, \$15,008.57 Territorial debts, . . . . . 11,893.06  
Legislature, . . . . . 36,215.52 Additions to State Library, . . . . . 2,330.01

The aggregate value of the real and personal property of the State subject to taxation, for the year 1851, was \$27,647,264.66. The three-mill tax upon this amounted to \$82,941.80.

By the act of March 5, 1851, the question of "Banks" or "No Banks" was submitted to the people of Wisconsin. The ballots upon the question were, — for "Banks," 31,219; for "No Banks," 9,126; being a majority of 22,093 in favor of banks.

## XXXI. CALIFORNIA.

*Government for the Year 1853.\**

		Term expires.	Salary.
JOHN BIGLER,	of Sacramento City, Governor,	Jan. 1854,	\$10,000
Samuel Purdy,	of Stockton, Lieut.-Gov. & Pres. of Senate,		\$20 a
		[day during session of Legislature.	
Wm. Van Voorhies,	of San José, Secretary of State,	Jan. 1854,	3,500
Winslow S. Pierce,	of Benicia, Comptroller,	"	5,000
Richard Roman,	of San José, Treasurer,	"	5,000
S. C. Hastings,	of San José, Attorney-General,	"	1,000
Wm. M. Eddy,	of San José, Surveyor-General,	"	500
J. G. Marvin,	of Mariposa, Sup't of Pub. Instruction,	"	4,500
W. E. P. Hartwell,	of Monterey, Translator,	Fees \$1.50 per folio	
		[of 100 words.	
Wm. C. Kibbe,	of Calaveras Co., Adj. and Q. M. Gen.,		2,000
G. Kenyon Fitch,	of Sacramento City, State Printer,		Fees.

*Supreme Court.*

The Supreme Court consists of a Chief Justice and two Associate Justices. It has appellate jurisdiction where the matter in dispute exceeds \$200, and where the legality of certain acts is questioned, and in certain

\* The capital of the State is at Vallejo for the present, but the question of its future locality is still unsettled.

criminal cases. The justices are elected by the people for six years, and are so classified that one goes out of office every two years. The senior judge in office is the chief justice.

		Term expires.	Salary.
Hugh C. Murray,	of San Francisco,	<i>Chief Justice</i> , Jan. 1854,	\$ 8,000
Alexander Wells,	"	<i>Associate</i> , "	8,000
Alex. Anderson,	of Calaveras Co.,	" Jan., 1856,	8,000.
Eugene H. Tharpe,	"	<i>Clerk</i> , "	Fees.
Henry Norton,	"	<i>Reporter</i> ,	"

### *District Courts.*

The District Courts have jurisdiction in law and equity, where the amount in dispute, exclusive of interest, exceeds \$200. The Constitution provided that at the first election the judges should be chosen by the Legislature, but afterwards by the people, and for a term of six years. A county judge is elected in each county for four years, to act as judge of probate, to hold the County Court, and with two justices of the peace to hold courts of sessions for criminal business. Clerks of courts, district attorneys, sheriffs, coroners, &c. are elected by the people.

Judge.	Residence.	Salary.	Judge.	Residence.	Salary.
O. S. Witherby,	San Diego,	\$ 7,500	Robert Hopkins,	Sonoma,	\$ 7,500
Henry A. Tefft,	San Luis Obispo,	7,500		Marysville,	7,500
C. P. Hester,	San José,	7,500	W. S. Sherwood,	Hamilton City,	7,500
Delos Lake,	San Francisco,	7,500	Barbour,	Nevada,	7,500
Charles M. Creanar,	Stockton,	7,500	Farwell,	El Dorado,	7,500
Lewis Aldrich,	Sacramento City,	7,500			

### *Superior Court of San Francisco, John Saterlee, Justice.*

### FINANCES.

From the Reports of the Comptroller and Treasurer of the State, there were outstanding on the 1st of March, 1852, of the three per cent. bonds, \$175,000, of which about \$75,000 have been since redeemed.

Amount of Comptroller's warrants outstanding, December 31, 1851, . . . \$166,192.84

Amount redeemed, March 1, 1852, . . . 143,805.57

The amount of warrants issued since the 31st of December, 1851, will not be known till the next report of the Comptroller, in January, 1853.

It is presumed that there are not more than \$100,000 outstanding, as some \$250,000 have been taken in by the land-warrant bill, which provides for the entry of any public land at \$2.00 per acre, payable in State warrants, and nearly the same amount (\$250,000) has been funded under the act funding the State debt.

*Common Schools.*—The Constitution provides for the election of a Superintendent of Public Instruction, to hold office for three years, and that the Legislature shall establish a system of common schools, to be taught at least three months in each year. By the same instrument, the proceeds of the public lands granted to the State for schools, the 500,000 acres granted to new States under the act of Congress of 1841, estates of persons dying without heirs, and such per cent. as Congress shall grant on the sale of lands in this State, shall be a fund, the interest of which and the rents of unsold lands are to be inviolably appropriated to the support of common schools. A Superintendent of Public Instruction has been elected, but there are as yet but few schools.

## XXXII. OREGON TERRITORY.

*Government for the Year 1853.*

Term expires. Salary.

JOHN P. GAINES, of Oregon City, <i>Governor and Superintendent of Indian Affairs,</i>	1853,	\$ 3,000
Knitzing Pritchett, <i>Secretary,</i>	1853,	1,500

## JUDICIARY.

Thomas Nelson, of Oregon City,	<i>Chief Justice,</i>	2,000
Charles R. Train, "	<i>Associate Justice,</i>	2,000
William Strong, "	"	2,000
Amory Holbrook, "	<i>Attorney,</i>	Fees and 200
_____, "	<i>Marshal,</i>	Fees.

## XXXIII. MINNESOTA TERRITORY.

*Government for the Year 1853.*

Term ends. Salary.

ALEXANDER RAMSEY, of St. Paul, <i>Governor and Superintendent of Indian Affairs,</i>	1853,	\$ 2,500
Alexander Wilkin, " <i>Secretary,</i>		1,800

## JUDICIARY.

Henry Z. Hayner, of St. Paul,	<i>Chief Justice,</i>	1855,	\$ 2,000
Daniel Cooper, "	<i>Associate Justice,</i>	1853,	2,000
Bradley B. Meeker, "	"	"	2,000
Henry L. Moss, of Stillwater,	<i>Attorney,</i>	"	Fees.
Joseph W. Furber, of Cottage Grove,	<i>Marshal,</i>	"	Fees.

## XXXIV. UTAH TERRITORY.

*Government for the Year 1853.*

Term ends. Salary.

BRIGHAM YOUNG, of Salt Lake City, <i>Governor and Sup't of Indian Affairs,</i>	1854,	\$ 2,500
Broughton D. Harris, <i>Secretary,</i>	"	1,800

## JUDICIARY.

Lazarus H. Read, of Salt Lake City,	<i>Chief Justice,</i>	1854.	
Zerubbabel Snow, "	<i>Associate Justice,</i>	"	
Leonidas Shaver, "	"	"	
Seth Blair, "	<i>Attorney,</i>	"	Fees.
Joseph L. Haywood, "	<i>Marshal,</i>	"	"

## XXXV. NEW MEXICO TERRITORY.

*Government for the Year 1853.*

Term ends. Salary.

WILLIAM CARR LANE, of Santa Fé, <i>Governor,</i>	1855,	\$ 2,500
William S. Allen, " <i>Secretary of State,</i>	1855,	1,800

## JUDICIARY.

Grafton Baker,	of Santa Fé,	<i>Chief Justice,</i>	1855, \$ 1,800
John S. Watts,	"	<i>Associate Justice,</i>	" 1,800
Horace Mower,	"	"	" 1,800
Elias P. West,	"	<i>Attorney,</i>	Fees and 200
John Jones,	"	<i>Marshal,</i>	Fees.

## XXXVI. DISTRICT OF COLUMBIA.

The District of Columbia is under the immediate government of Congress. The city of Washington became the seat of the government of the United States in 1800, and it is the residence of the President, and the other chief executive officers of the national government. By an act of Congress, in 1846, which was subsequently accepted by the people of Alexandria, the city and county of Alexandria were retroceded to the State of Virginia, and the District is now confined to the Maryland side of the Potomac.

## JUDICIARY.

<i>Circuit Court of the District.</i>			Salary.
William Cranch,	of Washington,	<i>Chief Judge,</i>	\$ 2,700
James T. Morsel,	of Georgetown,	<i>Associate Judge,</i>	2,500
James Dunlop,	"	"	2,500
Philip R. Fendall,	of Washington,	<i>Attorney,</i>	Fees and 200
Richard Wallach,	"	<i>Marshal,</i>	Fees.
John A. Smith,	"	<i>Clerk,</i>	Fees.

*Criminal Court for the District.*

Thomas H. Crawford,	<i>Judge,</i>	\$ 2,000
John A. Smith,	<i>Clerk,</i>	Fees.

*Orphans' Court.*

W. F. Parcell,	of Washington Co.,	<i>Judge,</i>	\$ 1,500
Edward N. Roach,	"	<i>Register,</i>	Fees.

## AMERICAN STATES.

## 1. Governments of North America.

Governments,	Area in Square Miles.	Population.	Capitals.	Governors, &c.
Danish America (Greenland, &c.)	350,000	17,000	Reikiavik.	
French Possessions (St. Pierre, &c.)	118	200	St. Pierre.	
Russian America,	394,000	66,000	N. Archangel.	
New Britain,	1,800,000	180,000	York Factory.	Sir Geo. Simpson, <i>Man.</i>
Canada West,	147,832	999,847	{ Quebec, }	Lord Elgin, <i>Gov.-Gen.</i>
Canada East,	201,989	810,000	{ } of British N. Amer.	
New Brunswick,	27,700	200,000	Frederickton,	Sir E. W. Head, <i>Bl., Lt.G.</i>
Nova Scotia, &c.,	18,746	300,000	Halifax,	Sir J. G. LeMarchant, <i>do.</i>
Prince Edward's Island,	2,134	62,348	Charlotte T'n,	Alex. Bannerman, <i>do.</i>
Newfoundland,	57,000	100,000	St. John's,	Kerr B. Hamilton, <i>do.</i>
United States of America,	3,260,073	23,283,345	Washington,	MILLARD FILLMORE, <i>Pr.</i>
United States of Mexico,	1,111	7,200,000	Mexico,	Mariano Arista, <i>do.</i>
San Salvador,	14,000	365,000	San Salvador,	J. F. Quiroz, <i>do.</i>
Nicaragua,	49,000	396,000	Leon,	L. Pineda, <i>do.</i>
Honduras,	72,000	310,000	Chiquimula,	Juan Leade, <i>do.</i>
Guatemala,	28,000	935,000	N. Guatemala,	Mariano Paredes, <i>do.</i>
Costa Rica,	17,000	140,000	Cartago,	Señor Mosa, <i>do.</i>
Mosquitia,	23,000	6,000	Blewfields,	Jamaseo (Indian), <i>King.</i>
Honduras (British Colony),	62,740	10,000	Balizo,	Philip S. Woodhouse.
The Bay Islands (British Colony).				
Total,	7,655,332	35,480,740		

2. *West Indian Governments.*

Governments.	Area in Square Miles.	Population.	Capitals.	Governors, &c.
Hayti, { San Domingo, { <i>Em.</i>	11,000	700,000	Cape Hayt'n,	Faustin I., <i>Emperor.</i>
Dominica, { <i>Rep.</i>	18,000	200,000	San Domingo,	Buenaventura Baz, <i>Pr.</i>
Cuba, { Spanish, {	42,383	1,200,000	Havana,	—, <i>Ct. G.</i>
Porto Rico, {	3,865	359,086	San Juan,	J. de la Pezuela, <i>do.</i>
Jamaica, { British, {	5,468	377,433	Spanish Town,	Sir C. E. Grey, <i>Gov. Gen.</i>
Trinidad, {	2,000	69,815	Puerta d'Esp.	Lord Harris, <i>Gov.</i>
<i>Windward Islands,</i>			Bridgetown,	Sir W. M. G. Colebrooke.
Barbadoes,	166	135,939	"	—, —,
Grenada, &c.,	155	29,923	Kingston,	Sir John Campbell.
St. Vincent,	131	27,248	Scarboro',	Major L. Graeme.
Tobago,	187	13,208	Castries,	C. H. Darling, <i>Esq.</i>
St. Lucia,	225	23,688	St. John's,	R. J. Mackintosh, <i>Esq.</i>
<i>Leeward Islands,</i>			"	—, —,
Antigua,	168	36,178	—	— Booth.
Montserrat,	49	7,365	Basseterre,	E. H. Drummond Hay,
St. Christopher and Anguilla,	97	23,177	Charlestown,	W. Shortland, <i>Esq.</i>
Nevis,	30	9,571	—	Sir J. A. MacGregor.
Virgin Islands,		4,027	Rosseau,	S. W. Blackall.
Dominica,	291	22,469	Nassau,	John Gregory, <i>Gov.</i>
Bahama Islands,	4,000	27,519	Hamilton,	Charles Elliott, <i>Gov.</i>
Turk's Island,	400	3,400	Basseterre,	—, <i>do.</i>
Bermuda Islands,	47	14,000	Port Royal,	— Bruat, <i>do.</i>
Guadalupe, &c., { <i>Franch,</i> {	374	135,000	—	—, <i>do.</i>
Martinique, {	322	120,000	—	—, <i>do.</i>
St. Martin's, N. Side, {	21	2,200	—	—, <i>do.</i>
St. Martin's, S. Side, — Dutch,	11	3,500	Wilhelmstadt,	J. J. J. R. Elseirer, <i>do.</i>
Curacao, &c., — Dutch,	680	16,000	Christ'nstadt,	Peter Van Scholten, <i>do.</i>
Santa Cruz, &c., — Danish,	81	35,000	—	—, <i>do.</i>
St. Thomas, — Danish,	37	8,000	—	—, <i>do.</i>
St. John's,	72	3,000	La Carenage,	—, <i>do.</i>
St. Bartholomew's, — Swedish,	25	9,000	—	—, <i>do.</i>
Total,	90,185	3,603,746		

3. *Governments of South America.*

Governments.	Area in Square Miles.	Population.	Capitals.	Governors, &c.
Venezuela, <i>Republic,</i>	774,000	1,250,000	Caraccas,	José Greg. Monagas, <i>Pr.</i>
New Granada, <i>do.</i>	380,000	2,200,000	Sta Fé de Bog.	José Hilario Lopez, <i>do.</i>
Ecuador, <i>do.</i>	325,000	600,000	Quito,	H. Urbina, <i>do.</i>
Bolivia, <i>do.</i>	318,000	1,700,000	Chuquisaca,	Gen. Belzu, <i>do.</i>
Peru, <i>do.</i>	624,000	1,400,000	Lima,	J. R. Echenique, <i>do.</i>
Chili, <i>do.</i>	144,000	1,200,000	Santiago,	General Montt.
Argentine Republic,	927,000	1,600,000	Buenos Ayres,	Gen. Urquiza, <i>Pr. Dict.</i>
Uruguay, <i>Republic,</i>	120,000	140,000	Montevideo,	Joaquin Suarez, <i>Pres.</i>
Entre Rios, <i>do.</i>	82,000	80,000	Badaja,	— Urquiza, <i>Gov.</i>
Paraguay, <i>do.</i>	74,000	260,000	Acencion,	Carlos Lopez, <i>Dictator.</i>
Brazil, <i>Empire of,</i>	2,300,000	7,560,000	Rio de Janeiro	Pedro II., <i>Emperor.</i>
Guiana ( <i>British</i> ),	78,000	127,695	Georgetown,	H. Barkly, <i>Gov.</i>
Guiana ( <i>Dutch</i> ),	38,500	7,000	Paramaribo,	—, <i>Gov.-Gen.</i>
Guiana ( <i>French</i> ),	21,500	30,000	Cayenne,	V. de Lengendes, <i>G.-G.</i>
Patagonia,	380,000	120,000	—	(Native Chiefs.)
Falkland Islands,	16,000	500	Port Louis,	George Rennie.
Total,	6,500,000	18,275,195		
Grand Total of America,	14,245,517	57,359,681		

## POPULATION OF THE GLOBE.

Africa, variously estimated from 60,000,000 to	101,000,000
America (as above),	57,359,681
Asia, including Islands,	429,600,000
Australia and Australian group of Islands,	1,368,000
Europe (as on p. 318),	263,220,300
Polynesia (a mere estimate, as there are few or no data),	1,500,000
Total population of the Globe,	854,047,981

# EUROPE.

## REIGNING SOVEREIGNS OF EUROPE.

Name.	Title.	State.	Date of Birth.	Date of Accession.	Age at Accession.	Religion.
Oscar I.	King	Sweden and Norway	July 4, 1799	Mar. 8, 1844	45	Lutheran
Nicholas I.	Emperor	Russia	July 6, 1796	Dec. 1, 1825	29	Greek Church
Frederic VII.	King	Denmark	Oct. 6, 1808	Jan. 20, 1848	39	Lutheran
Victoria	Queen	Great Britain	May 24, 1819	June 20, 1837	18	Prot. Episc.
William III.	King	Holland or Netherlands	Feb. 19, 1817	Mar. 17, 1849	32	Reformed
Leopold	"	Belgium	Dec. 16, 1790	July 21, 1831	40	Lutheran*
Fred. Wm. IV.	"	Prussia	Oct. 15, 1795	June 7, 1840	45	Evangelical
Fred. Augustus	"	Saxony	May 18, 1797	June 6, 1836	39	Catholic*
George	"	Hanover	May 27, 1819	Nov. 18, 1861	33	Evangelical
Fred. Francis	Grand Duke	Mecklenburg-Schwer.	Feb. 28, 1823	Mar. 7, 1842	19	Lutheran
George	"	Mecklenburg-Strelitz	Aug. 12, 1779	Nov. 6, 1816	37	"
Augustus	"	Oldenburg	July 13, 1783	May 21, 1829	46	"
William	Duke	Brunswick	Apr. 25, 1806	Apr. 25, 1831	25	"
Adolphus	"	Nassau	July 24, 1817	Aug. 20, 1839	22	Evangelical
Ch. Frederic	Grand Duke	Saxe-Weimar-Eisen	Feb. 2, 1783	June 14, 1828	45	Lutheran
Ernest II.	Duke	Saxe-Coburg-Gotha	June 21, 1818	Jan. 29, 1844	26	"
Bernard	"	Saxe-Meiningen	Dec. 17, 1800	Dec. 24, 1803	3	"
George	"	Saxe-Altenburg	July 24, 1796	Nov. 30, 1848	52	"
Leopold	"	Anhalt-Dessau	Oct. 1, 1794	Aug. 9, 1817	22	Evangelical
Alexander	"	Anhalt-Bernberg	Mar. 2, 1805	Mar. 24, 1834	29	"
Gunter	Prince	Schwarzburg-Rudolst.	Nov. 6, 1793	Apr. 23, 1807	13	Lutheran
Gunter	"	Schwarzg-Sonder'n,	Sept. 24, 1801	Sept. 3, 1835	34	"
Henry XX.	"	Reuss, Elder Line,	June 29, 1794	Oct. 31, 1836	42	"
Henry LXII.	"	Reuss, Younger Line,	May 31, 1785	Apr. 17, 1818	33	"
Leopold	"	Lippe-Detmold	Sept. 1, 1821	Jan. 1, 1861	30	Reformed
George	"	Lippe-Schaumburg	Dec. 20, 1784	Feb. 13, 1787	2	"
George Victor	"	Waldeck	Jan. 14, 1831	May 15, 1845	14	Evangelical
Ferdinand	Landgrave	Hesse-Homburg	Apr. 26, 1783	Sept. 8, 1848	65	Reformed
Frederic	Prince Regent	Baden	Sept. 9, 1826	Mar. 30, 1852	26	Evangelical
Frederic Wm.	Elector	Hesse-Cassel	Aug. 20, 1802	Nov. 20, 1847	45	Reformed
Louis III.	Grand Duke	Hesse-Darmstadt	June 9, 1806	June 16, 1848	42	Lutheran
Chas. Antony †	Prince	Hohenzol'n-Sigmar'n,	Sept. 7, 1811	Aug. 27, 1848	37	Catholic †
Frederic †	"	Hohenzol'n-Hechin'n,	Feb. 16, 1801	Sept. 13, 1838	37	" †
Aloys	"	Liechtenstein	May 26, 1796	Apr. 20, 1836	40	"
William	King	Wurtemberg	Sept. 27, 1781	Oct. 30, 1816	35	Lutheran
Maximilian II.	"	Bavaria	Nov. 23, 1811	Mar. 21, 1848	37	Catholic
Fran. Joseph I.	Emperor	Austria	Aug. 18, 1830	Dec. 2, 1848	18	"
Chas. Louis } N. Bonaparte }	President	France	Apr. 20, 1806	Dec. 20, 1851	43	"
Isabella II.	Queen	Spain	Oct. 10, 1830	Sept. 29, 1833	3	"
Maria II.	"	Portugal	Apr. 4, 1819	May 2, 1826	7	"
Victor Emanuel	King	Sardinia	Mar. 14, 1820	Mar. 23, 1849	29	"
Leopold II.	Grand Duke	Tuscany	Oct. 3, 1797	June 18, 1824	26	"
Charles III.	Duke	Parma	Jan. 24, 1823	Mar. 14, 1849	26	"
Francis V.	"	Modena and Massa	June 1, 1819	Jan. 21, 1846	26	"
Pius IX.	Pope	States of the Church	May 13, 1792	June 21, 1846	54	"
Ferdinand II.	King	Two Sicilies	Jan. 12, 1810	Nov. 8, 1830	20	"
Otho	"	Greece	June 1, 1815	May 7, 1832	17	Catholic*
Abdul Medjid	Sultan	Turkey	Apr. 23, 1823	July 2, 1839	16	Mahometan
Florestan	Prince	Monaco	Oct. 10, 1785	Oct. 2, 1841	56	Catholic

\* The King of Belgium is a *Protestant*, though his subjects are mostly *Catholics*; the King of Saxony is a *Catholic*, though the greater part of his subjects are *Protestants*; and the King of Greece is a *Catholic*, though most of his subjects are of the *Greek Church*.

† Dec. 7, 1849. These two princes abdicated in favor of the king of Prussia.



## STATES OF EUROPE.

*With the Form of Government, and Square Miles, according to McCulloch's Geographical Dictionary, with Corrections; and the Population (chiefly) from the Almanach de Gotha for 1852.*

States and Titles.	Form of Government.	Square Miles.	Population.	Date of Enum'n.
Andorra, Pyrenees, <i>Repub.</i>	With two syndics and a council,	190	7,000	
*Anhalt-Bernburg, <i>Duchy</i> ,	States having limited powers,	339	50,411	
*Anhalt-Cöthen, †	"	318	43,120	
*Anhalt-Dessau, "	"	360	63,700	1849
*Austria, <i>Empire</i> ,	Absolute monarchy,	255,226	37,443,033	1846
*Baden, <i>Grand Duchy</i> ,	Limited sovereignty; two chambers,	5,712	1,362,774	1849
*Bavaria, <i>Kingdom</i> ,	Limited monarchy; "	28,435	4,619,546	1850
Belgium,	"	11,313	4,359,090	1849
*Bremen, <i>Free City</i> ,	Republic; senate and assembly,	112	72,820	1842
*Brunswick, <i>Duchy</i> ,	Limited sovereignty; one chamber,	1,525	268,943	1846
Church, States of, <i>Pope</i> dom,	Absolute sovereignty,	17,048	2,908,115	1842
Denmark, with Schleswig- Holstein, <i>Kingdom</i> ,	Limited monarchy; with prov. states,	21,856	2,296,597	1850
France,	Republic; with two chambers,	203,726	35,400,486	1846
*Frankfort, <i>Free City</i> ,	Republic; senate and assembly,	91	70,244	1849
Great Britain, <i>Kingdom</i> ,	Limited monarchy; lords and commons,	116,700	27,436,325	1851
Greece,	Limited monarchy; two chambers,	18,244	1,032,900	
*Hamburg, <i>Free City</i> ,	Republic; senate and assembly,	149	188,054	
*Hanover, <i>Kingdom</i> ,	Limited monarchy; two chambers,	14,600	1,773,711	1845
*Hesse-Cassel, <i>Electorate</i> ,	Limited sovereignty; two chambers,	4,430	754,590	1846
*Hesse-Darmstadt, <i>G. Duch.</i> ,	Limited sovereignty; two chambers,	3,761	852,679	1846
*Hesse-Homb'g, <i>Landg'v'te</i> ,	Limited sovereignty; one chamber,	206	24,203	1846
Holland, with Luxemburg,	Limited monarchy; two chambers,	13,890	3,267,638	1850
Ionian Islands, <i>Republic</i> ,	Under Brit. protec.; council and chamb.	1,097	219,797	1844
*Liechtenstein, <i>Principal.</i> ,	Limited monarchy; with one chamber,	62	6,351	1842
*Lippe-Deimold,	"	445	104,674	1849
*Lippe-Schaumburg, "	"	206	28,837	1848
*Lubeck, <i>Free City</i> ,	Republic; senate and assembly,	142	47,197	1845
*Mecklen.-Schwerin, <i>G. Du.</i>	Limited sovereignty; with one chamber,	4,701	536,724	1850
*Mecklenburg-Strelitz, "	"	997	96,222	1848
Modena and Massa, <i>Duchy</i> ,	Absolute sovereignty,	2,073	586,456	
Monaco, <i>Principality</i> ,	Absolute sovereignty,	50	7,000	
*Nassau, <i>Duchy</i> ,	Limited sovereignty; two chambers,	1,738	427,915	1850
*Oldenburg, <i>Grand Duchy</i> ,	"	2,470	278,030	1851
Parma, <i>Duchy</i> ,	Absolute sovereignty,	2,184	494,737	1850
Portugal, <i>Kingdom</i> ,	Limited monarchy; two chambers,	24,500	3,412,500	1841
*Prussia,	"	107,300	16,346,625	1849
*Reuss, <i>Principalities of</i> ,	Limited sovereignty; one chamber,	568	112,175	1846
†Russia (in Europe), <i>Empire</i> ,	Absolute monarchy,	2,120,397	60,362,315	1846
San Marino, <i>Republic</i> ,	Senate and council of ancients,	21	7,600	
Sardinia, <i>Kingdom</i> ,	Limited monarchy; two chambers,	28,830	4,916,087	1848
*Saxony,	Limited monarchy; two chambers,	5,705	1,894,431	1849
*Saxe-Altenburg, <i>Duchy</i> ,	Limited sovereignty; one chamber,	491	131,780	1850
*Saxe-Coburg & Gotha, "	Lim. sov.; one chamb. for each duchy,	790	149,753	1849
*Saxe-Mein.-Hildburgh., "	Limited sovereignty; one chamber,	968	163,323	1849
*Saxe-Weim.-Eisenach, "	"	1,403	261,370	1851
*Schwarzburg-Rudolst., <i>Pr.</i>	"	405	69,650	1849
*Schwarzburg-Sondersh., "	"	358	60,002	1849
Sicilies, The Two, <i>Kingdom</i> ,	Absolute monarchy,	41,521	8,423,316	1845
Spain,	Limited monarchy; with a legislature,	176,480	13,705,500	1833
Sweden, }	"	170,715	3,399,341	1840
Norway, }	Limited monarchy; with a legislature,	121,725	1,328,471	1845
Switzerland, <i>Republic</i> ,	Confederation of republics; a diet,	15,261	2,390,116	1850
†Turkey, <i>Empire</i> ,	Absolute monarchy,	189,920	15,500,000	1844
Tuscany, <i>Grand Duchy</i> ,	Monarchy,	8,712	1,696,483	
*Waldeck, <i>Principality</i> ,	Limited sovereignty; one chamber,	455	58,219	1850
*Württemberg, <i>Kingdom</i> ,	Limited monarchy; two chambers,	7,568	1,802,252	1850
Total,		3,708,871		

\* Member of the Confederation of Germany.

† United to Anhalt-Dessau and Bernburg, since November 23, 1847.

‡ Including Poland and Finland.

§ Including Wallachia, Moldavia, and Servia.

## GREAT BRITAIN.

## THE ROYAL FAMILY.

*The Queen.* Alexandrina Victoria, born May 24, 1819; succeeded her uncle, William IV., June 20, 1837; married, Feb. 10, 1840, to Prince Francis Albert Augustus Charles Emanuel of Saxe Coburg and Gotha, born Aug. 26, 1819. *Issue,* Victoria Adelaide Mary Louisa, born Nov. 21, 1840; Albert Edward, born Nov. 9, 1841; Alice Maud Mary, born April 25, 1843; Alfred Ernest Albert, born August 6, 1844; Helena Augusta Victoria, born May 25, 1846; Louisa Caroline Alberta, born March 18, 1848; Arthur William Patrick Albert, born May 1, 1850. *Her Majesty's Mother,* Victoria Maria Louisa, Princess Dowager of Leiningen, Duchess of Kent, born August 17, 1786.

*The King of Hanover.* George Frederic Alexander Charles Augustus, King of Hanover (second Duke of Cumberland and Teviotdale), only son of Ernest, King of Hanover (who was fifth son of King George III., and uncle to the Queen), born May 27, 1819, married Feb. 18, 1843, the Princess Alexandrina, oldest daughter of Joseph, reigning Duke of Saxe Altenburg, by whom he has issue Ernest Augustus William Adolphus George Frederic, Crown Prince of Hanover, born September 21, 1845, and two Princesses.

*The Duke of Cambridge.* Prince George William Frederic Charles, son of Adolphus Frederic, the first Duke (who was youngest surviving son of King George III., and uncle to the Queen), born March 26, 1819.

*The Duchess of Gloucester.* Mary, Duchess of Gloucester, fourth daughter of King George III., and aunt to the Queen, born April 25, 1776, married, July 22, 1816, her cousin, Prince William Frederic, second Duke of Gloucester (who died Nov. 30, 1834).

MINISTRY.—*Formed March, 1852.*

		Salary.
Earl of Derby,	<i>First Lord of the Treasury,</i>	£ 5,000
Rt. Hon. Benjamin Disraeli,	<i>Chancellor of the Exchequer,</i>	5,000
Rt. Hon. Spencer H. Walpole,	<i>Secretary of State,—Home Dep.,</i>	5,000
Earl of Malmesbury,	<i>Secretary of State,—Foreign Dep.,</i>	5,000
Rt. Hon. Sir J. S. Packington,	<i>Bt., Secretary of State,—Colonial Dep.,</i>	5,000
Duke of Northumberland,	<i>First Lord of the Admiralty,</i>	4,500
Lord St. Leonards,	<i>Lord High Chancellor,</i>	10,000
Earl of Lonsdale,	<i>Lord President of the Council,</i>	2,000
Marquis of Salisbury,	<i>Lord Privy Seal,</i>	2,000
Rt. Hon. R. A. Christopher,	<i>Chancellor of the Duchy of Lancaster,</i>	4,000
Rt. Hon. Lord John Manners,	<i>Chief Commissioner of Woods, &amp;c.,</i>	2,000
Rt. Hon. J. W. Henley,	<i>President of the Board of Trade,</i>	2,000
Earl of Hardwicke,	<i>Postmaster-General,</i>	2,500
Rt. Hon. J. C. Herries,	<i>President of the Board of Control,</i>	3,500

\* \* The above form the Cabinet.

Viscount Hardinge,	<i>Commander-in-Chief of the Forces,</i>	3,460
Earl of Eglinton,	<i>Lord Lieutenant of Ireland,</i>	20,000
Rt. Hon. Lord Naas,	<i>Chief Secretary for Ireland,</i>	5,500
Rt. Hon. William Beresford,	<i>Secretary of War,</i>	2,580
Sir Frederic Thesiger,	<i>Attorney-General,</i>	5,500
Sir Fitzroy Kelley,	<i>Solicitor-General,</i>	2,580
Lord Colchester,	<i>{ Paymaster-General and Vice-President of the Board of Trade.</i>	

## ENGLISH COLONIAL BISHOPS.

Cons. or Trans.	Bishops.	Dioceses.	Allow- ance.	Cons. or Trans.	Bishops.	Dioceses.	Allow- ance.
1843	A. G. Spencer, D. D.	Jamaica,	£ 4,000	1841	G. A. Selwyn, D. D.	New Zealand	£ 1,200
1842	Thos. Parry, D. D.	Barbadoes,		1842	W. P. Austin, D. D.	Guiana,	2,000
1851	H. Binney, D. D.	Nova Scotia,	2,400	1842	G. Tomlinson, D. D.	Gibraltar.	
1832	Dan'l Wilson, D. D.	Calcutta,	5,000	1845	J. Chapman, D. D.	Colombo.	
1850	F. Fulford, D. D.	Montreal,	1,900	1842	F. R. Nixon, D. D.	Tasmania,	1,000
1850	G. J. Mountain, D. D.	Quebec,		1842	D. G. Davis, D. D.	Antigua,	2,000
1851	J. Harding, D. D.	Bombay,	2,500	1847	Wm. Tyrrell, D. D.	Newcastle.	
1836	W. G. Broughton,	{ Sydney,	{ 1,500.	1847	Chas. Perry, D. D.	Melbourne,	1,000
	D. D.	{ Metrop.,	{	1847	A. Short, D. D.	Adelaide,	800
1849	T. Dealtry, D. D.	Madras,	2,500	1847	R. Gray, D. D.	Cape Town,	800
1839	J. Strachan, D. D.	Toronto,	1,083	1849	G. Smith, D. D.	Hong Kong.	
1844	Edward Feild, D. D.	Newfoundl.,	1,200	1849	D. Anderson, D. D.	Rupert's Land.	
1845	John Medley, D. D.	Fredericton, N. B.					

## JUDICIARY.

*England.*

*High Court of Chancery.*—Baron St. Leonards (E. B. Sugden, ap. 1852), *Lord High Chancellor*, salary, £ 10,000; Sir John Romilly (ap. 1851), *Master of the Rolls*, £ 7,000; Sir George James Turner (b. 1798, ap. 1851), Sir R. T. Kindersley (b. 1792, ap. 1851), Sir John Stuart (ap. 1852), *Vice-Chancellors*, £ 6,000 each.

*Court of Appeal in Chancery.*—Baron Cranworth (R. M. Rolfe, b. 1790, ap. 1851), Sir J. L. Knight Bruce (ap. 1851), *Lords Justices*, £ 6,000 each.

*Court of Queen's Bench.*—Lord Campbell (b. 1779, ap. 1850), *Lord Chief Justice*, £ 8,000; Sir J. T. Coleridge (b. 1790, ap. 1835), Sir Wm. Wightman (ap. 1841), Sir William Erle (b. 1793, ap. 1845), and Sir Charles Crompton (ap. 1852), *Judges*, £ 5,500 each.

*Court of Common Pleas.*—Sir John Jervis (b. 1802, ap. 1850), *Lord Chief Justice*, £ 7,000; Sir W. H. Maule (ap. 1840), Sir C. Creswell (ap. 1842), Sir Edw. Vaughan Williams (ap. 1847), and Sir Thomas Noon Talfourd (b. 1795, ap. 1849), *Judges*, £ 5,500 each.

*Court of Exchequer.*—Sir Frederic Pollock (b. 1783, ap. 1844), *Lord Chief Baron*, £ 7,000; Sir James Parke (b. 1782, ap. 1834), Sir E. H. Alderson (b. 1787, ap. 1834), Sir Thomas Joshua Platt (ap. 1845), Sir Samuel Martin (ap. 1850), *Barons*, £ 5,500 each.

*Scotland.*

*Court of Session: Inner House.*—1st Division. Duncan McNeill, *Lord Colonsay* (b. 1794, ap. 1852), *Lord President*, £ 4,800. John Fullerton, *Lord Fullerton* (ap. 1829); John Cunningham, *Lord Cunningham* (b. 1782, ap. 1837); Adam Anderson (ap. 1852), *Judges*, £ 3,000 each.

*Inner House: 2d Division.*—Rt. Hon. John Hope (b. 1794, ap. 1844), *Lord President*, £ 4,500. Andrew Rutherford, *Lord Rutherford* (ap. 1851); Henry T. Cockburn, *Lord Cockburn* (ap. 1834); *Judges*, £ 3,000 each. (One vacancy, Nov. 19, 1852.)

*Outer House: Permanent Lords Ordinary*—J. A. Murray, *Lord Murray* (ap. 1839); James Ivory, *Lord Ivory* (b. 1792, ap. 1840); Alexander Wood, *Lord Wood* (ap. 1842); Patrick Robertson, *Lord Robertson* (b. 1794, ap.

1843); John Cowan, *Lord Cowan* (b. 1798, ap. 1851); £3,000 each. Rt. Hon. John Inglis, *Lord Advocate*, £2,500 and fees. Charles Neaves, *Solicitor-General*, £1,000.

*Court of Justiciary.* — *Lord Justice General*, David Boyle; *Lord Justice Clerk*, Rt. Hon. John Hope; *Commissioners*, Lords Colonsay, Cockburn, Cowan, Ivory, and Wood.

There is no division of common law, equity, civil law, or admiralty; but the whole business, civil and criminal, original and appellate, is discharged by the Court of Session. For the transaction of civil business it is divided into two divisions, each discharging precisely the same functions. One consists of the Lord Justice General and three Puisne Judges; the other of the Lord Justice Clerk and three Puisne Judges. The other five Judges sit separately, as Permanent Lords Ordinary. They pronounce judgment in the first instance; and this judgment may be carried for review before either of the inner divisions. The criminal business is discharged by the Lord Justice General, the Lord Justice Clerk, and four other Judges, who are appointed Judges of Justiciary under a separate commission.

#### *Ireland.*

*Court of Chancery.* — Rt. Hon. Francis Blackburne (b. 1782, ap. 1852), *Lord Chancellor*, £8,000; Rt. Hon. T. B. C. Smith (ap. 1846), *Master of the Rolls*, £4,300.

*Court of Queen's Bench.* — — — — —, *Lord Chief Justice*, £5,074; Hon. Philip C. Crampton, £3,725; Rt. Hon. Louis Perrin (ap. 1836), Rt. Hon. Richard Moore (ap. 1847), *Judges*, £3,688 each.

*Court of Common Pleas.* Rt. Hon. James Henry Monahan (ap. 1850), *Lord Chief Justice*, £4,615; Hon. Robert Torrens, Rt. Hon. Nicholas Ball (b. 1791, ap. 1839), and Hon. J. D. Jackson (b. 1783, ap. 1842), *Judges*, £3,688 each. *Attorney-General*, Rt. Hon. Joseph Napier, Esq.; *Solicitor-General*, James Whiteside, Esq., £4,612.

*Court of Exchequer.* — Rt. Hon. David R. Pigott (ap. 1846), *Lord Chief Baron*; Hon. Richard Pennefather, Rt. Hon. John Richards (b. 1790, ap. 1837), Rt. Hon. Thomas Lefroy (b. 1776, ap. 1841), *Barons*, £3,688 each.

#### PARLIAMENT.

The Parliament of Great Britain consists of a House of Lords and a House of Commons. The present is the 15th Imperial or 5th Reformed Parliament.

#### HOUSE OF LORDS.

The House of Lords consists of Lords Temporal, who are Peers of the Realm, and whose honors, immunities, and privileges are hereditary, and Lords Spiritual, consisting of Archbishops and Bishops. All the members of the five orders of nobility of England, viz. dukes, marquises, earls, viscounts, and barons, who are 21 years old, and labor under no disqualification, have a right to sit in the House of Lords; and in addition to these, 16 representative peers from Scotland, 28 representative peers from Ireland, 2 English archbishops, 24 bishops, 1 representative Irish archbishop, and 3 representative Irish bishops.

*A List of the House of Peers, with the Title, Family Name, Date of Creation, and Birth of the present Peer.*

The *Titles* here given are those by which the noblemen sit in the House of Peers. Those marked thus (\*) are *Scotch Representative Peers*; thus (†), *Irish Representative Peers*. The Scotch representative peers are chosen for each Parliament.

Title.	Name.	Cre- ated.	Born.	Title.	Name.	Cre- ated.	Born.
<b>Dukes. — 21.</b>				Beauchamp	John R. Pyndar	1815	1784
Beaufort	Henry Somerset	1682	1792	Beverley	George Percy	1790	1778
Bedford	Francis Russell	1694	1788	Bradford	G. A. F. H. Bridgeman	1815	1789
Brandon	W. A. A. Hamilton-			Brownlow	John Cust	1815	1779
	Douglas			Buckinghamshire	Augustus E. Hobart	1746	1793
	[D. of Hamilt., Sc.]	1643	1811	Burlington	Wm. Cavendish	1881	1806
Buckingham &	R. P. T. N. B. Chan-			Cadogan	George Cadogan	1800	1788
Chandos	dos-Grenville	1822	1797	†Caledon	J. D. Alexander	1800	1812
Cambridge	Prince George Wil-			Camperdown	R. D. D. Haldane	1881	1785
	liam Fred. Charles	1801	1819	Cardigan	J. T. Brudenell	1661	1797
Cleveland	Henry Vane	1833	1788	Carlisle	Geo. W. F. Howard	1661	1802
Cumberland	George Frederic			Carnarvon	H. H. M. Herbert	1793	1831
	[K. of Hanover]	1799	1819	Cathcart	Charles M. Cathcart	1814	1783
Devonshire	Wm. S. Cavendish	1694	1790	Cawdor	John F. Campbell	1827	1790
Grafton	Henry Fitz-Roy	1675	1790	†Charlemont	Francis W. Caulfield	1763	1775
Leeds	F. G. D. Osborne	1694	1798	Chesterfield	G. A. F. Stanhope	1628	1806
Manchester	George Montagu	1719	1799	Chichester	Henry T. Pelham	1801	1804
Marlborough	G. Spenc.-Churchill	1702	1793	Clarendon	G. W. F. Villiers	1776	1804
Newcastle	H. F. Pelham-Clinton	1756	1811	Cottenham	Charles E. Pepys	1850	1824
Norfolk	Henry C. Howard	1483	1791	Cowper	George A. F. Cowper	1718	1806
Northumberland	Algernon Percy	1700	1792	Craven	William Craven	1801	1809
Portland	W. R. C. S. Bentinck	1716	1768	Dartmouth	William Legge	1711	1784
Richmond	Charles G. Lennox	1675	1791	De Grey	Thomas P. De Grey	1816	1781
Rutland	John H. Manners	1708	1778	De-La-Warr	George J. S. West	1761	1791
Somerset	Edw. A. St. Maur	1546	1775	Denbigh	Wm. B. P. Fielding	1622	1796
Sutherland	G. G. S. L. Gower	1833	1786	Derby	Edw. G. S. Stanley	1485	1799
Wellington	Arthur Wellesley	1814	1807	†Desart	J. O. O'Connor Cuffe	1798	1818
<b>Marquises. — 21.</b>				Devon	William Courtenay	1653	1777
Abercorn	James Hamilton	1790	1811	Digby	Edward Digby	1790	1773
Ailesbury	Charles B. B. Bruce	1821	1773	Doncaster	W. F. M. Douglas-		
Ailes	Archibald Kennedy	1831	1816		Scott		
Anglesey	Henry Wm. Paget	1815	1768	Ducie	[D. of Buccleuch, Sc.]	1663	1806
Bath	John A. Thynne	1789	1831	Durham	H. G. F. R. Moreton	1837	1802
Breadalbane	John Campbell	1831	1796		George F. D'Arcy		
Bristol	Frederic W. Hervey	1826	1769	Effingham	Lambton	1823	1828
Camden	George C. Pratt	1812	1799		Henry Howard	1837	1806
Cholmondeley	G. H. Cholmondeley	1815	1792	Eldon	John Scott	1821	1805
Dalhousie	J. A. B. Ramsay	1849	1812	Ellenborough	Edward Law	1844	1790
Exeter	Brownlow Cecil	1801	1795	Ellesmere	Francis Egerton	1846	1800
Hertford	Richard S. Conway	1793	1800	†Erne	John Crichton	1798	1802
Lansdowne	H. P. Fitz-Maurice	1784	1780	Essex	Arthur A. Capel	1691	1808
Normanby	Constant H. Phipps	1838	1797	Falmouth	Evelyn Boscawen	1821	1819
Northampton	Charles D. Compton	1812	1816	Ferrers	Wash. S. Shirley	1711	1822
Salisbury	James B. W. G. Cecil	1789	1791	Fitz-Hardinge	W. F. T. Berkeley	1841	1786
Townshend	G. F. Townshend	1786	1778	Fitz-William	C. W. W. Fitz-William	1716	1786
*Tweeddale	George Hay	1694	1787	Fortescue	Hugh Fortescue	1789	1783
†Westmeath	Geo. T. J. Nugent	1822	1785	Gainsborough	Charles N. Noel	1841	1781
Westminster	Richard Grosvenor	1831	1795	†Glengall	Richard Butler	1816	1794
Winchester	John Paulet	1551	1801	Graham	James Graham		
<b>Earls. — 132.</b>					[D. of Montrose, Sc.]	1707	1799
Abergavenny	William Nevill	1784	1792	Granville	G. G. L. Gower	1883	1815
Abingdon	Montagu Bertie	1682	1784	Grey	Henry G. Grey	1802	1802
*Airlie	D. G. D. Ogilvy	1639	1826	Guilford	Francis North	1752	1772
Albemarle	George T. Keppel	1696	1799	Harborough	Robert Sherard	1719	1797
Amherst	Wm. Pitt Amherst	1826	1793	Hardwicke	Charles P. Yorke	1754	1799
Ashburnham	B. Ashburnham	1780	1797	Harewood	Henry Lascelles	1812	1797
Aylesford	Heneage Finch	1714	1786	Harrington	L. F. C. Stanhope	1742	1784
†Bandon	James Bernard	1793	1785	Harrowby	Dudley Ryder	1809	1798
Bathurst	Henry G. Bathurst	1772	1790	Hillsborough	A. W. B. S. T. W. Hill		
					[M. of Downsh., Ire.]	1789	1812
				*Home	C. A. Home	1606	1799
				Howe	R. W. P. C. Howe	1821	1796

Title.	Name.	Cre- ated.	Born.	Title.	Name.	Cre- ated.	Born.
Huntingdon	F. T. H. Hastings	1529	1808	Wilton	Thomas Egerton	1801	1799
Ilchester	H.S. Fox-Strangways	1756	1787	Winchilsea and			
Innes	J. H. R. Innes-Ker			Nottingham	George W. F. Hatton	1628	1791
	[D. Roxburghe, Sc.]	1707	1816	Yarborough	Chas. A. W. Pelham	1837	1809
Jersey	George C. Villiers	1697	1778	Zetland	Thomas Dundas	1838	1795
†Lanesborough	G.J.D. Butl.-Danvers	1756	1794				
Leicester	Thomas W. Coke	1837	1822	<i>Viscounts. — 27.</i>			
*Leven & Melville	David L. Melville	1690	1785	Beresford	Wm. C. Beresford	1823	1770
Lichfield	Thos. Wm. Anson	1831	1795	Bolingbroke	Henry St. John	1712	1820
Lindsey	G. A. F. A. Bertie	1626	1814	Canning	Charles J. Canning	1828	1812
Lonsdale	William Lowther	1807	1787	Canterbury	C.J. Manners-Sutton	1835	1812
Lovelace	William King	1838	1805	Clancarty	W.T. La Poer Trench		
†Lucan	George C. Bingham	1795	1800		[E. of Clancarty, Ire.]	1803	1808
Macclesfield	T. A. W. Parker	1721	1811	Combermere	S. Stapleton-Cotton	1826	1780
Malmesbury	James H. Harris	1800	1807	†De Vesci	John Vesey	1776	1771
Mansfield	William D. Murray	1792	1806	†Doneraile	Hayes St. Leger	1785	1786
Manvers	Chas. H. Pierrepont	1806	1778	Exmouth	Edward Pellew	1816	1811
Mayo	Robert Bourke	1785	1797	Gordon	George H. Gordon		
Minto	G. Elliott-Mur.-Kyn- ymond	1818	1782		[E. of Aberdeen, Sc.]	1682	1784
	E. Parker	1815	1810	Gough	Hugh Gough	1849	1779
Morley	George S. Douglas	1458	1789	Hardinge	Henry Hardinge	1846	1785
*Morton	Stephen Moore	1781	1792	†Hawarden	Cornwallis Maude	1791	1780
†Mount-Cashell	Ernest A. Edgumbe	1789	1797	Hereford	Robert F. Devereux	1650	1809
Mt.-Edgumbe	W. G. Fitz.-Clarence	1831	1824	Hill	Rowland Hill	1842	1800
Munster	Horatio Nelson	1805	1823	Hutchinson	R. J. Hutchinson		
Nelson	Arthur Geo. Onslow	1801	1777		[E. Donoughmore, I.]	1800	1823
Onslow	Horatio Walpole	1806	1783	Leinster	A. F. Fitzgerald	1766	1791
Orford	T. J. H. Fitz.-Maurice	1696	1803	†Lorton	Robert E. King	1806	1778
*Orkney				Maynard	Henry Maynard	1766	1786
Oxford and				Melville	Henry S. Dundas	1802	1801
Mortimer	Alfred Harley	1711	1809	†O'Neill	John B. R. O'Neill	1795	1780
Pembroke and				Ponsonby	John Ponsonby	1839	1770
Montgomery	Robert H. Herbert	1551	1791	Sidmouth	Wm. L. Addington	1805	1794
Pomfret	G. W. R. Fermor	1721	1824	Stratford	Stratford Canning	1852	
Portsmouth	John C. Wallop	1743	1767	St. Vincent	Edw. Jervis Jervis	1801	1766
Poulett	John Poulett	1706	1783	Sydney	John R. Townshend	1789	1805
Powis	Edward J. Herbert	1804	1818	Torrington	George Byng	1721	1812
Radnor	W. Pleydell-Bouverie	1765	1779				
Ripon	Fred. J. Robinson	1833	1782	<i>Barons. — 209.</i>			
Romney	Charles Marsham	1801	1808	Abinger	Robert C. Scarlett	1835	1794
†Rosse	William Parsons	1806	1800	Acheson	Archibald Acheson		
Rosslyn	J.A. St.-Clair-Erskine	1801	1802		[E. of Gosford, Ire.]	1806	1506
Sandwich	John W. Montagu	1690	1811	Alvanley	Richard P. Arden	1801	1792
Scarborough	J. Lumley-Savile	1690	1788	Aldrossan	A. W. Montgomerie		
*Seafeld	F. W. Ogilvie-Grant	1701	1778	Arundell of War-	[E. Eglington, Sc.]	1507	1812
*Selkirk	Dunbar J. Douglas	1646	1809	dour	Henry B. Arundell	1605	1787
Shaftesbury	A. Ashley-Cooper	1672	1801	Ashburton	William B. Baring	1835	1799
Shrewsbury	John Talbot	1442	1791	Auckland	Robert J. Eden	1789	1799
Somers	J. S. Somers-Cocks	1821	1788	Audley	Geo. E. Thicknesse-		
Spencer	Frederic Spencer	1765	1798		Touchet	1297	1817
Stamford and				Bagot	William Bagot	1780	1773
Warrington	George H. Grey	1628	1827	Bateman	W. B. Bateman-		
Stanhope	Philip H. Stanhope	1718	1781		Hanbury	1837	1826
St. Germans	Edward G. Elliot	1815	1798	Bayning	Henry W. Powlett	1797	1797
Stradbroke	John E. C. Rous	1821	1794	Beaumont	Miles T. Stapleton	1807	1808
Stratford	John Byng	1847	1768	Berners	Henry Wilson	1455	1797
Strange	Geo. A. F. J. Murray			Berwick	Richard N. Noel-Hill	1784	1800
	[Duke of Athol, Sc.]	1708	1814	Blantyre	Charles W. Stuart	1606	1818
*Strathmore	T. G. Lyon-Bowes	1677	1822	Blayne	C. D. Blayne	1621	1803
Suffolk & Berks.	Chas. John Howard	1603	1804	Bolton	W. H. Orde-Powlett	1797	1818
Talbot	Henry J. C. Talbot	1784	1803	Boston	George Irby	1761	1777
Tankerville	Charles A. Bennet	1714	1776	Boyle	Edmund Boyle		
Vane	Charles Wm. Vane				[E. Cork & Orrery, I.]	1620	1767
	[M. Londonderry, Ire.]	1816	1778	Braybrookes	Richard Griffin	1788	1783
Verulam	James W. Grimston	1815	1809	Brodrick	Charles Brodrick		
Waldegrave	William Waldegrave	1685	1788		[V. of Middleton, I.]	1717	1791
Warwick and				Brougham and	Henry Brougham	1830	1778
Brooke	Henry R. Greville	1746	1779	Vaux	John C. Hobhouse	1851	1786
Westmoreland	John Fane	1624	1784	Broughton	G.W. F. Brud.-Bruce	1746	1804
*Wicklow	William Howard	1793	1788	Bruce	George A. Byron	1643	1789
				Byron			

Title.	Name.	Cre- ated.	Born.	Title.	Name.	Cre- ated.	Born.
Calthorpe	Frederic Gough	1796	1790	Foxford	William H. T. Pery		
Carnoy	Thomas Stonor	1383	1797		[E. of Limerick, Ire.]	1803	1812
Campbell	John Campbell	1841	1779	Gardner	Alan L. Gardner	1800	1810
Carew	Robert S. Carew	1834	1787	Gage	Henry Hall Gage		
Carleton	Richard Boyle				[V. Gage, Ire.]	1720	1791
	[E. of Shannon, I.]	1756	1809	Gifford	Robert F. Gifford	1824	1817
Carrington	Robert J. Carrington	1796	1796	Glenelg	Charles Grant	1835	1783
Carysfort	John Proby	1789	1780	Godolphin	George G. Osborne	1832	1802
Castlemaine	Richard Handcock	1812	1791	Grantley	Fletcher Norton	1782	1796
Chaworth	William Brabazon			Grimstead	William W. Cole		
	[E. of Meath, Ire.]	1627	1803		[E. Enniskillen, I.]	1789	1807
Churchill	Francis G. Spencer	1815	1802	*Gray	John Gray	1445	1798
Clanbrassill	Robert Jocelyn			Hamilton	R. M. Hamilton		
	[E. of Roden, Ire.]	1771	1788		[E. of Belhavens, Sc.]	1647	1793
Clanwilliam	Richard Meade			Harris	George F. R. Harris	1815	1810
	[E. Clanwilliam, I.]	1776	1795	Hastings	Jacob Astley	1289	1797
†Clarina	Eyre Massey	1800	1798	Hatherton	Edward J. Littleton	1835	1791
Clements	Nathaniel Clements			Hay	T. R. H. Drummond	1633	1785
Clifford of Chud-	[E. of Leitrim, Ire.]	1795	1768	Hawke	Edw. W. H. Hawke	1776	1799
leigh	Hugh C. Clifford	1672	1790	Heytesbury	William & Court	1828	1779
Clifton	John Stuart Bligh			Holland of Hol-			
	[E. of Darnley, Ire.]	1725	1827	land	Henry Edward Fox	1762	1802
Clinton	Charles R. Trefusis	1299	1791	Hopetoun	John A. Hope		
†Clonbrock	Robert Dillon	1790	1807		[E. of Hopetown, I.]	1703	1831
Cloncurry.	Valentine B. Lawless	1789	1773	Howard de Wal-	Charles A. Ellis	1597	1799
Colborne	N. W. R. Colborne	1839	1779	den and Seaford	John H. Caradoc	1819	1799
Colchester	Charles Abbot	1817	1798	Howden	Lucius B. Cary		
*Colville of Cul-				Hunsden	[V. of Falkland, Sc.]	1620	1803
ross	Charles J. Colville	1609	1818	Keane	Edward A. W. Keane	1839	1815
Congleton	John V. Parnell	1841	1805	Kenlis	Thomas Taylor		
Cowley	Henry R. Wellesley	1828	1804		[M. of Headfort, I.]	1800	1787
Cranworth	Robert M. Rolfe	1850	1790	Kenmare	Valentine Browne	1800	1788
Cremorne	Richard Dawson	1797	1817	Kenyon	George Kenyon	1788	1776
Crewe	Hungerford Crewe	1806	1812	†Kilmaine	John C. Browne	1789	1794
†Crofton	Edward Crofton	1797	1806	Kilmarnock	William Harry Hay		
Dacre	Henry O. Trevor	1307	1777		[E. of Errol, Sc.]	1453	1823
De Freyne	Arthur French	1839	1795	Kingston	R. King	1768	1796
Delamere	Thos. Cholmondeley	1821	1767	Kinnaird	Geo. W. F. Kinnaird	1682	1807
De-L'Isle and				Kintore	F. A. K. Falconer		
Dudley	Philip S. Foulis	1835	1828		[E. of Kintore, Sc.]	1677	1828
De Mauley	Wm. F. S. Ponsonby	1838	1787	Lauderdale	James Maitland	1624	1784
Denman	Thomas Denman	1834	1779	Leigh-	William H. Leigh	1839	1824
De Ros	W. L. L. Fitz-Gerald-			Lilford	Thomas A. Powys	1797	1801
	De-Ros	1264	1797	Lismore	C. O'Callaghan		
De Saumares	James Saumares	1831	1789		[V. of Lismore, Ire.]	1806	1775
De Tabley	George Warren	1826	1811	Londesborough	Albert D. Denison	1850	1805
Dinorben	Wm. Lewis Hughes	1831	1821	Loftus	John Henry Loftus		
Dorchester	Guy Carleton	1786	1811		[M. of Ely, Ire.]	1800	1814
Dorner	Joseph T. Dorner	1615	1790	Lovat	Thomas A. Fraser	1837	1802
Douglas	James Douglas	1790	1787	Lovel & Holland	George J. Perceval	1733	1794
†Downes	Ulysses Burgh	1822	1788	Lurgan	Charles Brownlow	1839	1831
Dufferin	Fred. T. Blackwood	1800	1826	Lyndhurst	John S. Copley	1827	1772
Dunalley	Henry Prittle	1800	1775	Lytelton	George W. Littleton	1794	1817
Dunfermline	James Abercromby	1839	1776	Manners	J.H. Manners-Sutton	1807	1818
Dunsandle and				Maryborough	William P. T. L. W.		
Clanconal	D. St. George Daly	1845			Wellesley	1760	1788
Dynevor	Geo. R. Rice-Trevor	1780	1795	Meldrum	George Gordon		
Elgin	James Bruce				[M. of Huntly, Sc.]	1599	1761
	[E. of Elgin, Sc.]	1633	1811	Melbourne	F. J. Lamb		
Elphinstone	John Elphinstone	1509	1807		[V. of Melbourne, I.]	1781	1782
Erskine	D. Montagu Erskine	1806		Mendip	H. A. Ellis		
†Farnham	Henry Maxwell	1756	1799		[V. of Clifden, Ire.]	1781	1825
Faversham	William Duncombe	1826	1798	Methuen	F. H. P. Methuen	1838	1818
Fife	James Duff			Melros	Thomas Hamilton		
	[E. of Fife, Ire.]	1759	1776		[E. Haddington, Sc.]	1619	1780
Fingall	Arthur J. Plunkett	1628	1791	Middleton	Digby Willoughby	1711	1769
Fisherwick	Geo. H. Chichester			Milford	R. B. P. Phillips	1847	1801
	[M. of Donegal, Ire.]	1791	1797	Minster	F. N. Conyngham	1816	1797
Fitzgibbon	R. H. Fitzgibbon			Monson	William J. Monson	1728	1796
	[E. of Clare, Ire.]	1795	1793	Monteagle	George John Browne		
	Thos. Henry Foley	1776	1808		[M. of Sligo, Ire.]	1800	1820
	John G. W. Forester	1821	1801	Monteagle	Thomas Spring Rice	1839	1790

Title.	Name.	Cre- ated.	Born.	Title.	Name.	Cre- ated.	Born.
Moore	Henry F. S. Moore			Skelmersdale	E. Bootle-Wilbraham	1828	1771
	[M. of Drogheda, I.]	1791	1825	Somerhill	Ulick J. De Burgh		
Mostyn	Edward Pryce Lloyd	1831	1768		[M. of Claricarde, I.]	1825	1802
Northwick	John Rushout	1797	1770	Sondes	George John Mills	1760	1794
Oriel	John F. Skeffington			Southampton	Charles Fitz-Roy	1780	1804
	[V. of Massereene, I.]	1660	1812	Stafford	H. V. S. Jerningham	1640	1802
Ormonde	John Butler	1825	1808	Stanley of Alder- ley	Edward J. Stanley	1839	1802
Overstone	Samuel J. Loyd	1850	1796	Stewart of Garlies	Randolph Stewart		
Oxenfoord	John H. Dalrymple				[E. of Galloway]	1623	1800
	[E. of Stair, Sc.]	1703	1771	St. John of Bletsoe	St. A. B. St. John	1558	1811
Paget	Henry Paget	1550	1797	St. Leonards	Edward B. Sugden	1852	
Panmaure	Fox Maule	1831	1801	Stourton	Charles Stourton	1448	1802
Penshurst	Percy C. S. Smythe			Stuart de Decies	H. Villiers Stuart	1839	1803
	[V. Strangford, I.]	1628	1780	Stuart of Castle Stuart	Francis Stuart		
Petre	William B. Petre	1603	1817		[E. of Moray, Sc.]	1561	1795
Plunket	William C. Plunket	1827	1764	Sudeley	Charles H. Tracy	1838	1777
Poltimore	Geo. W. Bampfylde	1831	1786	Suffield	Edward V. Harbord	1786	1813
*Polwarth	H.F. Hepburne-Scott	1690	1800	Sundridge and Hamilton	Geo. T. D. Campbell	1701	1823
Ponsonby	Jno. G. B. Ponsonby			Templemore	Henry S. Chichester	1831	1821
	[E. Bessborough, I.]	1739	1809	Tenterden	John H. Abbott	1827	1796
Portman	Edward B. Portman	1837	1799	Tenyham	George H. R. Curzon	1616	
Ranfurly	Thomas Knox			Thurlow	Edw. T. H. Thurlow	1792	1814
	[E. of Ranfurly, I.]	1831	1786	Truro	Thomas Wilde	1850	1782
Ravensworth	Thomas H. Liddell	1821	1775	Tyrone	H. De La P. Beresford		
Rayleigh	John James Strutt	1821	1796		[M. of Waterford, I.]	1789	1811
Redesdale	J. T. F. Mitford	1802	1805	Vaux of Harrow- den	Geo. Browne Mostyn	1523	1804
Ribblesdale	Thomas Lister	1797	1823	Vernon	George John Warren	1762	1803
Rivers	George Pitt-Rivers	1802	1810	Vivian	Charles C. Vivian	1841	1808
Rodney	Robert D. Rodney	1782	1820	Walsingham	Thomas de Grey	1780	1804
Roseberry	A. J. Primrose			Ward	William Ward	1664	1817
	[E. Roseberry, Sc.]	1703	1783	Wemyss	F. W. C. Douglas		
Ross	James Carr-Boyle				[E. of Wemyss, Sc.]	1633	1772
	[E. of Glasgow, Sc.]	1703	1792	Wenlock	B. R. Lawley	1839	1818
Rossmore	Henry R. Westerra	1796	1792	Wharnccliffe	John Stuart-Wortley	1826	1801
Saltersford	James T. Stopford			Wigan	James Lindsay		
	[E. of Courtown, I.]	1762	1792	Willoughby de Broke	[E. of Balcarres, Sc.]	1398	1783
*Saltoun	Alexander G. Fraser	1445	1755	Willoughby de Eresby	Henry P. Verney	1492	1773
Sandys	Arthur M. W. Hill	1802	1792		P. R. Drummond- Willoughby		
Saye and Sele	Fred. T. W. Fiennes	1447	1799	Wodehouse	John Wodehouse	1797	1826
Scarsdale	Nathaniel Curzon	1761	1781	Wrottesley	John Wrottesley	1838	1798
Seaton	John Colborne	1839	1776	Wynford	William S. Best	1829	1798
Sefton	Chas. W. Molyneux						
	[E. of Sefton, Ire.]	1771	1796				
Sheffield	G. A. F. C. Holroyd	1816	1802				
Sherborne	John Dutton	1784	1779				
Silchester	Edw. M. Pakenham						
	[E. of Longford, I.]	1785	1817				
*Sinclair	Charles St. Clair	1489	1768				

### Peers who are Minors,

With the year in which each will attain his majority.

Abercromby, B.,	1860	Dunmore, E.,	1862	Hood, V.,	1859	St. Albans, D.,	1861
Bute, M.,	1868	Granard, E.,	1854	Lothian, M.,	1853	Wales, Prince of,	1862
Coventry, E.,	1859	Hastings, M.,	1863				

To obviate the difficulty of finding the names of those Scotch and Irish Peers who sit in Parliament under *English Titles*, but who are commonly addressed by their higher Scotch or Irish Titles, the following list is subjoined.

Aberdeen, E., see Gordon	Drogheda, M., see Moore	Limerick, E., see Foxford
Argyll, D., see Sundridge	Eglinton, E., see Ardrossan	Londonderry, M., see Vane
Athol, D., see Strange	Ersmont, E., see Lovell	Longford, E., see Silchester
Balcarras, E., see Wigan	Ely, M., see Loftus	Massereene, V., see Oriel
Belhaven, L., see Hamilton	Enniskillen, E., see Grimstead	Meath, E., see Chaworth
Bessborough, E., see Ponsonby	Erroll, E., see Kilmarnock	Midleton, V., see Brodrick
Buccleuch, D., see Doncaster	Falkland, V., see Hunsdon	Montrose, D., see Graham
Clanricarde, M., see Somershill	Gosford, E., see Acheson	Moray, E., see Stuart
Clare, E., see Fitzgibbon	Galloway, E., see Stewart	Mornington, E., see Maryborough
Clifden, V., see Mendip	Glasgow, E., see Ross	Roden, E., see Clanbrassil
Conyngnam, M., see Minister	Haddington, E., see Melrose	Roxburghe, D., see Innes
Cork, E., see Boyle	Hamilton, D., see Brandon	Shannon, E., see Carleton
Courtown, E., see Saltersford	Headfort, M., see Kenlis	Sligo, M., see Montague
Darnley, E., see Clifton	Huntly, M., see Meldrum	Stair, E., see Oxenfoord
Donagall, M., see Fisherwick	Kinnoul, E., see Hay	Strangford, V., see Penshurst
Donoughmore, E., see Hutchinson	Leitrim, E., see Clements	Waterford, M., see Tyrone
Downshire, M., see Hillsboro'		



### ARCHBISHOPS AND BISHOPS OF ENGLAND.

Born.	Cons.	Trans.	Archbishops.	Dioceses.	Net Income.*
1780	1828	1848	John B. Sumner, D. D., <i>Primate</i> ,	Canterbury,	£ 15,000
1788	1837	1847	Thomas Musgrave, D. D.	York,	10,000
<i>Bishops.</i>					
1786	1824	1828	Chas. James Blomfield, D. D.	London,	11,700
1770	1831	1836	Edward Maltby, D. D.	Durham,	8,000
1790	1826	1827	Chas. Richard Sumner, D. D.	Winchester,	10,600
1783	1820	1827	John Kaye, D. D.	Lincoln,	4,000
	1824	1830	Christopher Bethell, D. D.	Bangor,	4,000
1784	1827	1827	Hugh Percy, D. D.	Carlisle,	3,000
1784	1814	1827	George Murray, D. D.	Rochester,	5,000
1782	1829	1845	Richard Bagot, D. D.	Bath & Wells,	5,900
1783	1830		James Henry Monk, D. D.	Glo'ster & Bristol,	3,700
1778	1830		Henry Phillpotts, D. D.	Exeter,	2,700
1794	1836		Chas. Thomas Longley, D. D.	Ripon,	4,500
1801	1837		Edward Denison, D. D.	Salisbury,	5,000
1780	1839		George Davys, D. D.	Peterborough,	4,500
1797	1840		Connop Thirlwall, D. D.	St. David's,	4,500
1783	1840	1841	Henry Pepps, D. D.	Worcester,	5,000
	1842	1841	Ashurst Turner Gilbert, D. D.	Chichester,	4,200
	1843		John Lonsdale, D. D.	Lichfield,	4,500
	1845		Thomas Turton, D. D.	Ely,	5,500
1805	1845		Samuel Wilberforce, D. D.	Oxford,	5,000
1790	1841	1846	Thomas Vowler Short, D. D.	St. Asaph,	4,200
1794	1848		John Graham, D. D.	Chester,	4,500
	1848		Renn Dickson Hampden, D. D.	Hereford,	4,200
	1848		James Prince Lee, D. D.	Manchester,	4,600
	1849		Samuel Hinda, D. D.	Norwich,	4,465
<i>Not Peers.</i>					
1799	1847		{ Robert John Eden, (Baron )	Sodor and Man,	2,000
			{ Auckland, )† D. D.		
1798	1849		Alfred Ollivant, D. D.	Llandaff,	4,200

The Bishops of London, Durham, and Winchester rank next to the Archbishops; the rest according to priority of consecration.

### ARCHBISHOPS AND BISHOPS OF IRELAND.

Born.	Cons. or Trans.†	Archbishops.	Dioceses.	Born.	Cons. or Trans.†	Bishops.	Dioceses.
1773	1822	Lord J. G. de la Poer Beresford, D. D.	Armagh & Clogher.	1808	1849	R. B. Knox, D. D.	Down and Con.
1787	1831	Rich. Whately, D. D.	Dublin.	1772	1831	Rich. Ponsonby, D. D.	Derry & Raphoe
<i>Bishops.</i>							
				1848		James Wilson, D. D.	Cork, &c.
				1793	1849	William Higgin, D. D.	Limerick.
						Thos. Plunket, D. D.	Tuam, K. & A.
1801	1850	— Singer, D. D.	Meath.	1784	1839	Ludlow Tonsen, D. D.	Killaloe, &c.
	1841	John Leslie, D. D.	Kilmore.		1842	J. T. O'Brien, D. D.	Ossory & L.
					1843	Robert Daly, D. D.	Cashel, &c.

The Bishop of Meath takes precedence of all other Irish bishops, and is a Privy Councillor in right of his see. The rest take precedence according to priority of consecration.

\* By net income is meant that of the *bishopric*. Some bishops hold other places of profit in the Church.

† The Bishop of Sodor and Man, since Jan. 1, 1849, sits in the House of Lords as Baron Auckland.

‡ I. e. the date of the incumbent's entry on the present diocese, whether by consecration or translation.

§ The bishops thus marked sit in Parliament as representative bishops.

HOUSE OF COMMONS. — *Elected July, 1852.*

THE HOUSE OF COMMONS consists of the representatives of the counties, cities, boroughs, and of the three universities of the Established Church in the United Kingdom. The representatives of counties are chosen by the proprietors and occupiers of land; those of the cities and boroughs by the mercantile and trading part of the community; and those of the universities by the doctors and masters of arts.

Since the union with Ireland (January 1, 1801) the number of members had been 658, this number being retained on the passing of the Reform Acts. They are elected by the following constituencies:—

	Counties.	Boroughs.	Universities.	Total.
England, . . . .	144	323	4	471
Wales, . . . .	15	14		29
Scotland . . . .	30	23		53
Ireland, . . . .	64	39	2	105
	<u>253</u>	<u>399</u>	<u>6</u>	<u>658</u>

But the English members have been two less since 1844, when Sudbury was disfranchised by the Act 7 and 8 Vict. c. 53, reducing the numbers at this time to 656.\*

Places.	Members.	Places.	Members.
Aberdeen (city)	George Thompson, Jr.	Berwick	Matthew Forster
Aberdeenshire	Hon. William Gordon		John Stapleton
Abingdon	James Caulfield	Berwickshire	Hon. Francis Scott
Andover	William Cubitt	Beverley	Hon. Francis C. Lawley
	Henry B. Coles		William Wells
Anglesea	Sir R. B. W. Bulkeley, <i>Bt.</i>	Bewdley	Sir T. E. Winnington, <i>Bt.</i>
Antrim (county)	Edward W. Pakenham	Birmingham	George F. Muntz
	George Macartney		William Scholefield
Argyleshire	Sir A. I. Campbell, <i>Bart.</i>	Blackburn	James Pilkington
Armagh (county)	Sir Wm. Verner, <i>Bart.</i>		William Eccles
	James M. Caulfield	Bodmin	William Michell
Armagh (city)	Ross S. Moore		C. B. Graves-Sawle
Arundel	Lord Edward Howard	Bolton-Le-Moors	Thomas Barnes
Ashburton	George Moffat		Joseph Crook
Ashton-under-Lyne	Charles Hindley	Boston	Gilbert H. Heathcote
Athlone	William Keogh		Benjamin B. Cabbell
Aylesbury	Austen H. Layard	Bradford	Robert Milligan
	Richard Bethell		Henry W. Wickham
Ayr (district)	Edward H. J. Crauford	Brecknock (borough)	Charles R. Morgan
Ayrshire	James H. Blair	Brecknockshire	Sir Joseph Bailey, <i>Bart.</i>
Banbury	Henry W. Tancred	Bridgewater	C. J. K. Tynte
Bandon	Viscount Bernard		Brent S. Follett
Banffshire	James Duff	Bridgnorth	Henry Whitmore
Barnstaple	Sir W. A. Fraser, <i>Bart.</i>		Sir Robert Pigot, <i>Bart.</i>
	Richard Bremridge	Bridport	Thomas A. Mitchell
Bath	George T. Scobell		John P. Murrrough
	Thomas Phinn	Brighton	George R. Pechell, <i>Bart.</i>
Beaumaris (district)	Lord George A. F. Paget		Lord Alfred Hervey
Bedford (borough)	Henry Stuart	Bristol	Francis H. F. Berkeley
	Samuel Whitbread, Jr.		Wm. H. Gore-Langton
Bedfordshire	F. Charles H. Russell	Buckingham (boro.)	The Marquis of Chandos
	Richard T. Gilpin		Colonel John Hall
Belfast	Richard Davison	Buckinghamshire	Caledon G. Du-Pré
	H. Mac-Calmont Cairns		Right Hon. B. Disraeli
Berkshire	George H. Vansittart		Hon. C. C. Cavendish
	Robert Palmer	Bury	Frederick Peel
	Viscount Barrington	Bury St. Edmunds	Earl Jermyn

\* St. Albans has also been disfranchised, reducing the number of members to 654.

Places.	Members.	Places.	Members.
Bury St. Edmunds	John Stuart	Cumberland, West	Henry Lowther
Buteshire	Rt. Hon. J. A. S. Wortley		Samuel Irton
Caithness-shire	George Traill	Dartmouth	Sir Thomas Herbert
Calne	Earl of Shelburne	Denbigh (district)	Frederic R. West
Cambridge (boro'gh)	Kenneth Macaulay	Denbighshire	Sir W. W. Wynn, <i>Bart.</i>
Cambridge Univ.	John H. Astell	Derby (borough)	Col. R. M. Biddulph
Cambridgeshire	Rt. Hon. H. Goulburn		Michael T. Bass
	L. T. Wigram	Derbyshire, North	Thomas B. Horsfall
	Hon. E. T. Yorke		Hon. Geo. H. Cavendish
	Lord G. J. Manners	Derbyshire, South	William Evans
Canterbury	Edward Ball		Charles R. Colville
	Henry P. Gipps	Devizes	William Mundy
Cardiff (district)	Hon. H. B. Johnstone		G. H. Walker Heneage
Cardigan (district)	Walter Coffin	Devonport	Capt. J. N. Gladstone
Cardiganshire	Pryse Loveden		Rt. Hon. Henry Tufnell
Carlisle	William E. Powell	Devonshire, North	Lt. Gen. Sir G. F. Berkeley
	Rt. hon. Sir J. Graham, <i>Bt.</i>		Sir T. D. Acland, <i>Bart.</i>
Carlisle	Joseph Ferguson	Devonshire, South	Lewis W. Buck
Carlow (county)	John Ball		Sir J. Y. Bullers, <i>Bart.</i>
	Colonel H. Bruen	Donegal (county)	Sir Ralph Lopes, <i>Bart.</i>
Carlow (borough)	J. Sadlier		Thomas Conolly
Carmarthen (dist.)	D. Morris	Dorchester	Sir E. S. Hayes, <i>Bart.</i>
Carmarthenshire	D. A. Saunders Davies		Richard B. Sheridan
	D. Jones	Dorsetshire	Henry G. Sturt
Carnarvon (district)	W. B. Hughes		Rt. Hon. George Banks
Carnarvonshire	Hon. E. G. D. Pennant		Henry Ker Seymour
Carrickfergus	Hon. W. H. S. Cotton	Dover	John Floyer
Cashel	Sir T. O'Brien, <i>Bart.</i>		Viscount Chelsea
Cavan (county)	Hon. J. P. Maxwell		Edward R. Rice
	Sir J. Young, <i>Bart.</i>	Down (county)	Lord Arthur E. Hill
Chatham	Sir J. M. F. Smith		David S. Kerr
Cheltenham	Hon. C. F. Berkeley	Downpatrick	Hon. Chas. S. Hardinge
Cheshire, North	W. T. Egerton	Drogheda	James McCann
	G. C. Legh	Droitwich	Rt. Hon. Sir John Pakington, <i>Bart.</i>
Cheshire, South	Sir P. de M. G. Egerton, <i>Bt.</i>	Dublin (county)	James H. Hamilton
	J. Tollemache		Thomas E. Taylor
Chester (city)	Earl Grosvenor	Dublin (city)	Edward Grogan
	Hon. W. O. Stanley		John Vance
Chichester	J. A. Smith	Dublin University	George A. Hamilton
	L'd H. C. G. G. -Lennox		Rt. Hon. Joseph Napier
Chippenham	J. Neeld	Dudley	John Benbow
Christchurch	Capt. H. G. Boldero	Dunbartonshire	Alexander Smollett
Cloucester	Capt. J. E. Walcott, <i>R. N.</i>	Dumfriesshire	Viscount Drumlanrig
	J. R. Mullings	Dumfries (district)	William Ewart
	Hon. A. G. J. Ponsonby	Dundaik	George Bowyer
Clackmannanshire	J. Johnstone	Dundee	George Duncan
and Kinross-shire	Sir J. F. Fitz-Gerald	Dungannon	Hon. William S. Knox
Clare (county)	C. O'Brien	Dungarvan	John F. Maguire
Clitheroe	M. Wilson, Jr.	Durham, North	Robert D. Shafto
Clonmell	Hon. C. J. Lawless		Viscount Seaham
Cockermouth	General H. Wyndham	Durham, South	Lord Harry G. Vane
	H. A. Aglionby		James Farrer
Colchester	W. W. Hawkins		(One vacancy.)
	Rt. Hon. L'd J. Manners	Durham (city)	William Atherton
Coleraine	Lord Naas	Edinburgh (city)	Rt. Hon. T. B. Macaulay
Cork (county)	Edmund B. Roche		Charles Cowan
	Vincent Scully	Edinburghshire	Sir John Hope, <i>Bart.</i>
Cork (city)	Francis S. Murphy	Elgin (district)	George S. Duff
	William T. Fagen	Elgin and Nairnshire	Charles L. C. Bruce
Cornwall, East	Thomas J. A. Robartes	Ennis	John D. Fitz-Gerald
	Nicholas Kendall	Enniskillen	James Whiteside
Cornwall, West	Edw. Wm. W. Pendawes	Essex, North	Sir J. T. Tyrell, <i>Bart.</i>
	Sir Chas. Lemon, <i>Bart.</i>		Rt. Hon. W. Beresford
Coventry	Rt. Hon. Edward Ellice	Essex, South	Thomas W. Bramston
	Charles Geach		Sir W. B. Smith, <i>Bart.</i>
Cricklade	John Neeld	Evesham	Sir H. P. Willoughby, <i>Bt.</i>
	Ambrose L. Goddard		Charles L. G. Berkeley
Cumberland, East	Hon. C. W. G. Howard	Exeter	Sir J. T. B. Duckworth, <i>Bt.</i>
	William Marshall		Edward Divett

Places.	Members.	Places.	Members.
Eye	Edward C. Kerrison	Hythe	Edward D. Brockman
Falkirk (district)	James Baird	Inverness (district)	Alexander Matheson
Falmouth	See Penryn	Inverness-shire	Henry J. Baillie
Fermanagh (county)	Mervyn E. Archdall	Ipswich	John C. Cobbold
Fife	Sir A. B. Brooke, <i>Bart.</i>	Isle of Wight	Hugh E. Adair
Fife-shire	John Fergus	Kendal	See Wight
Finsbury	Alderman T. Challis	Kent, East	George Carr Glyn
Flint (district)	Thomas S. Duncombe	Kent, West	Sir E. C. Dering, <i>Bart.</i>
Flintshire	Sir John Hanmer, <i>Bart.</i>	Kerry (county)	William Deedes
Forfarshire	Hon. E. M. L.-Mostyn	Kidderminster	Sir E. Filmer, <i>Bart.</i>
Frome	Hon. Lauderdale Maule	Kildare (county)	William M. Smith
Galway (county)	Hon. Robert E. Boyle	Kilkenny (county)	Henry A. Herbert
Galway (borough)	Sir T. J. Burke, <i>Bart.</i>	Kilkenny (city)	Valentine Browne
Gateshead	Thomas Bellew	Kilmarnock (distr.)	Robert Lowe
Glamorganshire	Anthony O'Flaherty	Kincardineshire	Wm. Henry F. Cogan
Glasgow	Martin J. Blake	King's County	David O'Connor Henchy
Gloucester (city)	William Hutt	King's Lynn	William Shee
Gloucestershire, East	Christopher R. M. Talbot	Kingston-upon-Hull	John Greene
Gloucestershire, West	Sir George Tyler	Kinsale	Michael Sullivan
Grantham	Alexander Hastie	Kirkcaldy (district)	Hon. E. P. Bouverie
Greenock	John Mac Gregor	Kirkcudbrightshire	Hon. Lt. Gen. Hugh Arbuthnot
Greenwich	William P. Price	Knaresborough*	Patrick O'Brien
Grimsby, Great	Adm. M. F. F. Berkeley	Lambeth	Loftus H. Bland
Guildford	Christo W. Codrington	Lanarkshire	See Lynn Regis
Haddington (dist.)	Marquis of Worcester	Lancashire, North	John Isaac Heard
Haddingtonshire	Robert N. F. Kingscote	Lancashire, South	Col. Robert Ferguson
Halifax	Robert B. Hale	Lancaster (borough)	John Mackie
Hampshire, North	Glynn E. Welby	Launceston	J. P. Brown-Westhead
Hampshire, South	Lord M. W. Graham	Leeds	John D. Dent
Harwich	Alexander M. Dunlop	Leicester (borough)	Basil T. Woodd
Hastings	Peter Bolt	Leicestershire, North	Wm. Arthur Wilkinson
Haverfordwest	Montagu Chambers	Leicestershire, South	William Williams
Heavenstone	Earl Annesley	Leith (district)	William Lockhart
Hereford (city)	Ross D. Mangles	Leitrim (county)	John W. Patten
Herefordshire	James Bell	Leominster	James Heywood
Hertford (borough)	Sir H. F. Davie, <i>Bart.</i>	Lewes	William Brown
Hertfordshire	Hon. Francis Charteris	Lichfield	John Cheetham
Honiton	Rt. Hon. Sir C. Wood, <i>Bt.</i>	Limerick (county)	Samuel Gregson
Horsham	Frank Crossley	Limerick (city)	Robert B. Armstrong
Huddersfield	Rt. Hon. C. Lefevre	Lincoln (city)	Hon. J. W. Percy
Hull, Kingston-upon	Melville Portal	Lincolnshire, North	Sir George Goodman
Huntingdon (boro.)	Henry C. Compton	Lincolnshire, South	Rt. Hon. M. T. Baines
Huntingdonshire	Lord William Henry H. Cholmondeley	Linc. (borough)	Sir Joshua Walsley
	G. M. W. Peacocke	Liverpool	Richard Gardner
	David Waddington	Liverpool (borough)	Edward B. Farnham
	Patrick F. Robertson	Liverpool (city)	Marquis of Granby
	Musgrave Brisco	Liverpool (district)	Sir H. Halford, <i>Bart.</i>
	John H. Philipps	Liverpool (county)	Charles Wm. Packe
	Sir R. R. Vyvyan, <i>Bart.</i>	Liverpool (city)	James Moncreiff
	Sir Robert Price, <i>Bart.</i>	Liverpool (borough)	Hugh L. Montgomery
	Henry M. Clifford	Liverpool (city)	John Brady
	James K. King	Liverpool (borough)	George Arkwright
	Thomas W. Booker	Liverpool (city)	John G. Phillimore
	C. S. Bateman-Hanbury	Liverpool (borough)	Hon. Henry Fitz Roy
	Hon. Wm. F. Cowper	Liverpool (city)	Hon. Henry Brand
	Thomas Chambers	Liverpool (borough)	Viscount Anson
	Thomas P. Halsey	Liverpool (city)	Lord Alfred H. Paget
	Sir Henry Meux, <i>Bart.</i>	Liverpool (borough)	William Monsell
	Sir E. B.-Lytton, <i>Bart.</i>	Liverpool (city)	Wyndham Gould
	Joseph Locke	Liverpool (borough)	Robert Potter
	Sir J. W. Hogg, <i>Bart.</i>	Liverpool (city)	Francis Wm. Russell
	W. R. S. Fitz-Gerald	Liverpool (borough)	Col. C. D. W. Sibthorp
	Wm. R. C. Stansfield	Liverpool (city)	George F. Heneage
	James Clay	Liverpool (borough)	Rt. Hon. Robert A.
	Lord Goderich	Liverpool (city)	Christopher
	Colonel Jonathan Peel	Liverpool (borough)	James B. Stanhope
	Thomas Baring	Liverpool (city)	Lord Burghley
	Edward Fellowes	Liverpool (borough)	Sir J. Trollope, <i>Bart.</i>
	Viscount Mandeville	Liverpool (city)	

\* Double return.

Places.	Members.	Places.	Members.
Linlithgowshire	George Dundas	Newry	William Kirk
Lisburn	Sir J. E. Tennent, <i>Bart.</i>	Norfolk, East	Henry N Burroughes
Liskeard	Richard B. Crowder		Edmund Wodehouse
Liverpool	Charles Turner	Norfolk, West	William Bage
	Wm. Forbes Mackenzie		George W. P. Bentick
London	John Masterman	Northallerton	W. B. Wrightson
	Lord John Russell	Northampton (boro.)	Rt. Hon. E. V. Smith
	Sir James Duke, <i>Bart.</i>		Raikes Currie
	Baron L. de Rothschild	Northampton-	Augustus Stafford
Londonderry (coun.)	Thomas Bateson	shire, North	Thomas P. Maunsell
	Capt. T. Jones, <i>R. N.</i>	Northampton-	Capt. R. H. H. Vyse
Londonderry (city)	Sir R. Ferguson, <i>Bart.</i>	shire, South	Rainald Knightley
Longford (county)	Richard M. Fox	North Shields	See Tynemouth
	Col. F. S. Greville	Northumberland,	Lord Lovaine
Louth	Chichester S. Fortescue	North	Lord Ossulston
	Tristram Kennedy	Northumberland,	W. B. Beaumont
Ludlow	Robert Clive	South	Henry G. Liddell
	Lord W. J. F. Powlett	Norwich	Samuel M. Peto
Lyme Regis	William Pinney		Edward Warner
Lynton	Sir J. R. Carnac, <i>Bart.</i>	Nottingham (boro.)	Rt. Hon. Edw. Strutt
	Edward J. Hutchins		John Walter
Lynn Regis	Viscount Jocelyn	Nottinghamshire,	Lord H. W. S. Bentinck
	Lord Stanley	North	Ld. R.R. Pelham-Clinton
Macclesfield	John Brocklehurst, Jr.	Nottinghamshire,	William H. Barrow
	Edward C. Egerton	South	Viscount Newark
Maldstone	James Whatman	Oldham	John M. Cobbett
	George Dodd		(One vacancy.)
Maldon	Charles Du Cane	Orkney and Shetland	Frederick Dundas
	Taverner J. Miller	Oxford (city)	James H. Langston
Mallow	Sir C.D.O.J. Norreys, <i>Bt.</i>		Sir W. Page Wood
Malmesbury	Thomas Luce	Oxfordshire	Rt. Hon. J. W. Henley
Malton	Hon. C.W.W.F.-William		Col. John S. North
	John Evelyn Denison		G. G. V. Harcourt
Manchester	Rt. Hon. T. M. Gibson	Oxford University	Sir R. H. Inglis, <i>Bart.</i>
	John Bright		Rt. Hon. W.E. Gladstone
Marlborough	Lord Ernest Bruce	Paisley	Archibald Hastie
	Henry B. Baring	Peeblesshire	Sir G. Graham-Mont-
Marlow, Great	Thomas P. Williams		gomery, <i>Bart.</i>
	Lt. Col. B. W. Knox	Pembroke (district)	Sir John Owen, <i>Bart.</i>
Marylebone	Lord Dudley C. Stuart	Pembrokeshire	Viscount Emlyn
	Sir Benj. Hall, <i>Bart.</i>	Penryn & Falmouth	Howel Gwyn
Mayo (county)	George Henry Moore		James W. Freshfield
	George G. O. Higgins	Perth (borough)	Hon. A. Fitz-Gerald
Meath (county)	Frederick Lucas		Kinnaird
	Matthew E. Corbally	Perthshire	William Stirling
Melcombe Regis	See Weymouth	Peterborough	Hon. G. W. F.-William
Merionethshire	Wm. Watkin E. Wynne		(One vacancy.)
Merthyr-Tydvil	Sir J. J. Guest, <i>Bart.</i>	Petersfield	Sir W.G.H. Jolliffe, <i>Bart.</i>
Middlesex	Lord Robert Grosvenor	Plymouth	Charles John Mare
	Ralph B. Osborne		Robert P. Collier
Midhurst	Rt. Hon. S. H. Walpole	Pontefract	Richard M. Milnes
Monaghan (county)	Charles P. Leslie		Benjamin Oliveira
	Sir George Forster, <i>Bart.</i>	Poole	Henry D. Seymour
Monmouth (district)	Crawshay Bailey		George W. Franklyn
Monmouthshire	Charles O. S. Morgan	Portarlington	Lt.-Col. Francis Dunne
	Capt. E. A. Somerset	Portsmouth	Rt. Hon. Sir F.T. Baring
Montgomery (dist.)	David Pugh		Viscount Monk
Montgomeryshire	Herbert W. Wynn	Preston	R. Townley Parker
Montrose (district)	Joseph Hume		Sir G. Strickland, <i>Bart.</i>
Morpeth	Hon. E. G. G. Howard	Queen's County	Michael Dunne
Newark	Granville E. H. Vernon		Sir C. H. Coote, <i>Bart.</i>
	J. H. Manners-Sutton	Radnor (district)	Rt. Hon. Sir T. F. Law-
Newcastle-under-	William Jackson		is, <i>Bart.</i>
Lyme	Samuel Christy	Radnorshire	Sir John B. Walsh, <i>Bart.</i>
Newcastle-upon-	John F. B. Blackett	Reading	Francis Pigott
Tyne	Thomas E. Headlam		Henry S. Keating
Newport	See Monmouth Dist.	Reigate	Thomas Somers-Cocks
Newport, Isle of	William Biggs	Renfrewshire	Col. William Mure
Wight	William N. Massey	Retford, East	Hon. W. E. Duncombe
New Ross	Charles G. Duffy		Viscount Galway

Places.	Members.	Places.	Members.
Richmond	Henry Rich	Surrey, East	Thomas Alcock
Ripon	Marmaluke Wyvill, Jr. William Beckett	Surrey, West	Hon P J. L. King William John Evelyn
Rochdale	Hon. Edwin Lascelles	Sussex, East	Henry Drummond Augustus E Fuller
Rochester	Edward Miall Hon. Francis Villiers	Sussex, West	Charles H Frewen Earl of March
Roscommon	Sir Thos. H. Maddock Fitzstephen French	Sutherlandshire	Richard Prime Marquis of Stafford
Ross and Cromarty	Oliver D. J. Grace	Swansea (district)	John H. Vivian
Roxburghshire	Sir J. Matheson, <i>Bart.</i>	Tamworth	Sir E. Peel, <i>Bart.</i>
Rutlandshire	Hon. John E. Elliot Sir G. J. Heathcote, <i>Bart.</i>	Taunton	C't J. Townshend, <i>R.N.</i> Rt. Hon H Labouchere
Rye	Hon. Gerard J. Noel	Tavistock	Arthur Mills
St. Andrew's (dist.)	Wm. A. Mackinnon, Jr. Edward Ellice, Jr.	Tewkesbury	Hon G H C Byng Samuel Carter
Saint Ives	Capt. Robert Laffan	Thetford	Humphrey Brown John Martin
Salford	Joseph Brotherton	Thirsk	Earl of Euston
Salisbury	William J. Chaplin Charles Baring Wall	Tipperary (county)	Hon. Francis Baring Sir W. P. Gallwey, <i>Bart.</i>
Salop, North	William O. Gore John W. Dod	Tiverton	Francis Scully James Sadler
Salop, South	Hon Robert H. Clive Viscount Newport	Totness	John Heathcoat Viscount Palmerston
Sandwich	L'd C. P. Pelham-Clinton James McGregor	Tower Hamlets	Lord Seymour Thomas Mills
Scarborough	Sir J. V. B. Johnstone, <i>Bt.</i> Earl of Mulgrave	Tralee	Sir William Clay, <i>Bart.</i>
Selkirkshire	Allan E. Lockhart	Truro	Charles S Butler Maurice O'Connell
Shaftesbury	Hon W. H. B. Portman	Tynemouth and North Shields	Henry H. Vivian John E. Vivian
Sheffield	John A. Roebuck George Hadfield	Tyrone (county)	Hugh Taylor, Jr. Rt Hon. H. T. L. Corry
Shoreham	Sir C. M. Burrell, <i>Bart.</i> Lord A. F. C. Gordon-Lennox	Wakefield	Lord Claude Hamilton George Sanders
Shrewsbury	George Tomline Edward H. Baldock	Wallingford	Richard Malins Charles Forster
Sligo (county)	Sir R. Gore-Booth, <i>Bart.</i> Richard Swift	Walsall	John S W S E Drax Gilbert Greenall
Sligo (borough)	Charles Towneley William Miles	Wareham	George W J. Repton Edward Greaves
Somersetshire, East	William F. Knatchbull Charles A. Moody	Warrington	Charles N. Newdegate Richard Spooner
Somersetshire, West	W. H. P. Gore-Langton Brodie McGhie Wilcox	Warwick (borough)	Lord Brooke Lord Guernsey
Southampton	Sir A. J. E. Cockburn Robert Ingham	Warwickshire, North	Nicholas M. Power John Esmonde
South Shields	Sir W. Molesworth, <i>Bart.</i> Apsley Pellatt	Warwickshire, South	Alderman T. Meagher Robert Keating
Southwark	John A. Wise Arthur J. Otway	Wells	Robert C. Tudway Rt Hon. W. G. Hayter
Stafford (borough)	Charles B. Adderley Smith Child	Wenlock	Rt Hon G. C. W. Forester James M. Gaskell
Staffordshire, North	Hon Gen. Geo. Anson Lord Lewisham	Westbury	James Wilson William H. Magan
Staffordshire, South	Rt. Hon J. C. Herries Sir Frederick Theisger	Westmeath (county)	William P. Urquhart Sir John Shelley, <i>Bart.</i>
Stamford	Sir James Anderson William Forbes	Westminster	Sir De Lacy Evans Hon. H. C. Lowther
Stirling (district)	Alderman J. Kershaw John Benjamin Smith	Westmoreland (con.)	Alderman Thompson Patrick McMahon
Stirlingshire	John Lewis Ricardo Hon. Edw. F. L. Gower	Wexford (county)	John George John I. Devereux
Stockport	George Poulett Scrope Lord Moreton	Wexford (borough)	George Medd Butt Col. W. L. Freestun
Stoke-upon-Trent	Sir Fitz Roy Kelly Sir E. S. Gooch, <i>Bart.</i>	Weymouth and Melcombe Regis	Robert Stephenson (One vacancy)
Stroud	Harry S. Waddington Philip Bennet, Jr.	Whitehaven	Samuel Laing
Suffolk, East	George Hudson Wm. Digby Seymour	Wick (district)	
Suffolk, West			
Sunderland			

Places.	Members.	Places.	Members.
Wicklow	Viscount Milton	Worcester	William Laslett
Wigan	William W. F. Hume	Worcestershire, East	Osman Ricardo
Wight, Isle of	Ralph A. Thicknesse	Worcestershire, West	Capt. George Rushout
Wigton (district)	Hon. Col. J. Lindsay	Wycombe, Chipping	John H. H. Foley
Wigtonshire	Col. Francis V. Harcourt	Yarmouth	Hon. H. B. Lygon
Wilton	Sir J. M. Taggart, <i>Bart.</i>	York (city)	Frederic W. Knight
Wiltshire, North	John Dalrymple	Yorkshire, East	Sir G. H. Dashwood, <i>Bt.</i>
Wiltshire, South	Chas. H. W. à Court	Riding	Martin T. Smith
Winchester	Walter Long	Yorkshire, North	Sir E. Lacon, <i>Bart.</i>
Windsor	Thos. H. S. Sotherton	Riding	Charles E. Rumbold
Wolverhampton	Rt. Hon. S. Herbert	Yorkshire, West	John George Smyth
Woodstock	William Wyndham	Riding	Wm. M. E. Milner
	John B. Carter	Youghal	Lord Hotham
	Sir James B. East, <i>Bart.</i>		Hon. Arthur Duncombe
	Lord Chas. Wellesley		Edward S. Cayley
	Charles Wm. Grenfell		Hon. O. Duncombe
	Hon. Chas. P. Villiers		Richard Cobden
	Thomas Thorneley		Edmund B. Denison
	Marquis of Blandford		Isaac Butt

## FRANCE.

MINISTRY. — October, 1852.

*State.* Achille Fould.*Foreign Affairs.* Drouyn de Lhuys.*Finances.* Bineau.*Interior.* F. de Persigny.*War.* Ducos.*Public Institution.* Fortoul.*Public Works and Commerce.* Magne.*Police.* De Maupas.

## AMERICAN OBITUARY.

1851.

Nov. 10. — Near Fort Washita, in the Cherokee Nation, *Brevet Brigadier-General William G. Belknap*, Lieutenant-Colonel of the 5th Infantry, aged 56. He was born in the town of Newburg, New York, on the 14th of September, 1794, and on the 5th of April, 1813, was commissioned as 3d Lieutenant of the 23d Infantry, and distinguished himself in the attack of the British on Fort Erie, in August, 1814. Upon the reduction of the army after the war, he was retained as Lieutenant in the 3d Infantry, and was made a Captain in 1822. He was brevetted 1st of February, 1832, Major, for ten years' faithful service in this grade. In January, 1842, he was promoted Major of the 8th Infantry, and on the 15th of March, 1842, was brevetted Lieutenant-Colonel for gallant services during the Florida war. He was with General Taylor on the Rio Grande, and was brevetted Colonel for his services in the battles of the 8th and 9th of May, 1846, and for his gallantry in these battles his fellow-townsmen of Newburg presented him with a sword. He continued with General Taylor's column, and was brevetted Brigadier-General for bravery in the battle of Buena Vista. From December, 1848, to May, 1851, he was in command of Fort Gibson in the Cherokee Nation, and devoted himself greatly to secure the welfare of the Cherokees. In May, 1851, he was ordered into Upper Texas to keep the Indian tribes within their lines, and while thus engaged contracted the disease which caused his death.

Oct. 11. — Near Montreal, Canada, *James Buchanan, Esq.*, aged 81, for many years the British Consul in New York.

Oct. 26. — In Harrisburg, Pa., *Hon. John C. Bucher*. He had been an Associate Judge for many years, and was from 1831 to 1833 member of Congress.

Dec. 26. — In Austin, Texas, *General Edward Burleson*, aged 52. He was a native of North Carolina, whence he emigrated to Texas in 1830, and was an active participant in the struggles of Texas for independence. Both Houses of the Legislature adjourned in respect to his memory.

Dec. 29. — In Richmond, Va., *William C. Carrington*, aged 30. He was editor of the *Richmond Times*, and was distinguished for his attainments and excellent qualities. He was a native of the county of Charlotte, was educated at Hampden-Sidney College, and was a student of law at the University of Virginia. Soon after commencing the practice of law in his native county he removed to Richmond, and embraced the editorial profession, to which he was well suited. Only three weeks before his death, he was elected one of the three delegates of the city of Richmond to the Legislature. He died of an attack of pneumonia, after a short illness.

Nov. 26. — In Windham Co., Conn., *Hon. George S. Catlin*. He was Representative in Congress from Connecticut in 1851.

Nov. 26. — In St. Johns, N. B., *Hon. Ward Chipman*, aged 65, late Chief Justice of New Brunswick.

Nov. 12. — In Paris, Me., *Hon. Joseph Green Cole*, Judge of the Western District Court of the State of Maine. He was born in 1799, at Lincoln, Mass., and graduated at Harvard University in 1822. After spending a short time in Worcester with Hon. Levi Lincoln, he came to Maine and settled at Paris. He successively held the offices of Clerk of the House of Representatives, Representative to the Legislature, Register of Probate, Clerk of the Courts, and Judge of the Western District Court. He discharged the duties devolving upon him in these several stations with the greatest integrity and honor.

Sept. 14. — In Cooperstown, N. Y., *James Fenimore Cooper*, aged 62. Mr. Cooper was born in the year 1789, at Burlington, N. J., where his father, William Cooper, an English emigrant, had settled some twenty years before. He was educated under private teachers; entered Yale College in 1802, and graduated in 1805. The next year he procured a midshipman's warrant, and adopted the navy as his profession. After six years' service, he resigned his commission and returned to private life. In 1811 he married Miss De Lancey, sister of the bishop of the diocese of Western New York, with whom, after a brief residence in Westchester County, the scene of one of his finest fictions, he removed to Cooperstown, where, with the exception of his occasional absences in Europe, he passed the greater part of his life. It was just before his removal to Cooperstown that he commenced his career as an author. He had written, in his moments of leisure, a novel of English life, called "*Persecution*," which, published anonymously, and under great disadvantages, met with little or no success. It indicated talent, but not that high order of talent which the author subsequently displayed. But "*The Spy*," which speedily followed it, at once established his fame. In 1823 "*The Pioneers*" appeared to sustain and advance his reputation, and each succeeding volume of the "*Leather-Stocking Tales*," — "*The Prairie*," "*The Last of the Mohicans*," "*The Pathfinder*," and "*The Deerslayer*," — was read with increasing interest. Shortly after the success of "*The Pioneers*" had made Mr. Cooper the first novelist of the country, he achieved a triumph on the sea as signal as that he had first won in the forests. His romance of "*The Pilot*," followed at intervals by "*The Red Rover*," "*The Water-Witch*," "*The Two Admirals*," "*Wing and Wing*," &c., placed him at the head of nautical novelists, where he still stands without a peer and almost without a rival.

In the year 1826 Mr. Cooper went to Europe, where his fame had preceded him, and where, while advancing his own reputation by new fictions, he defended that of his country by his pamphlets and letters. The intellectual fruits of his European experience were "*The Bravo*," "*The Heidenmaur*," "*The Headsman*," &c., — tales exhibiting the same robust powers of description which marked his earlier works, but whose want of national costume prevented them from reaching the same high degree of success. On his return to the United States, he wrote the "*Letter to his Countrymen*," the "*Homeward Bound*," and the "*Home as Found*," in which the indulgence of a certain constitutional irritability, and a disposition to find fault, gave great offence to his critics, and deprived him of his former extensive popularity. This revulsion of the popular taste was rebuked with still severer strictures on the part of the author, who at last came to an open rupture with his old admirers, and, when he could no longer correct them with the pen, he tried to justify himself by an appeal to the law. W'



the memory of these feuds has passed away, Cooper will be cherished in the minds of his fellow-citizens as one of their most munificent benefactors.

Besides his novels, Mr. Cooper was the author of a "History of the United States Navy," of six volumes of "Gleanings in Europe," of "Sketches of Switzerland," and of several smaller works, which have run through many editions. His mind was always fertile and active, and his mode of treating his subjects full of animation and freshness. Mr. Cooper was one of those frank and decided characters who make strong enemies and warm friends,—who repel by the positiveness of their convictions, while they attract by the richness of their culture and the amiability of their lives. He was nicely exact in all his business relations, but generous and noble in the management of his means. His beautiful residence, on the borders of the Otsego, was ever the home of a large and liberal hospitality; and those who knew him best, who were nearest to the daily exercise of his kindly sympathies, were those who loved him most, and who now, amid the regrets of two worlds, deplore his loss with the keenest feelings.

July 30.—In Atkinson, Maine, *Oliver Crosby, Esq.*, aged 82, a native of Billerica, Mass., and a graduate at Harvard College in the class of 1795. He entered upon the study of the law at Dover, N. H., where he afterwards practised for nearly twenty-five years. In 1821 he relinquished the profession of law, and came to Atkinson, of which and several adjoining towns he was part owner. His life was one of strict integrity, of active industry, and of usefulness.

Nov. 9.—In Boston, Mass., *Rev. William Crosswell, D. D.*, aged 47. He was born at Hudson, N. Y., Nov. 7, 1804, and was graduated at Yale College in 1822. He was ordained priest, and was instituted Rector of Christ's Church, Boston, Mass., in June, 1829, by Bishop Griswold. Four years he ministered as Rector of St. Peter's Church, Auburn, N. Y. In 1844 he was called to the rectorship of the Church of the Advent in Boston, which office he sustained at the time of his death. He was a man of eminent ability, piety, modesty, and worth, and his poetical productions are of a high order of merit.

Nov. 21.—In Oyster Bay, Long Island, *Dr. James E. De Kay*, aged 59. He was educated as a physician, but devoted himself from his early years to Natural History, and in the State Survey of New York the department of Zoology was assigned to him.

Aug. 8.—In Kennebunk, Me., *Dr. Samuel Emerson*, aged 87. He was for many years an able and successful practitioner in his own town, and often called in his profession to various parts of the county. He was in service some time in the Revolutionary war, having enlisted at a very early age. Dr. Emerson was a graduate of Harvard College in the class of 1817, and a member of the Massachusetts Medical Society.

Dec.—In Lancaster, Pa., *Hon. Amos Ellmaker*. He was an officer in the army which marched from Pennsylvania to the defence of Baltimore in 1812. He was a member of Congress from the Dauphin District; was appointed, by Governor Snyder, President Judge of the Dauphin, Lebanon, and Schuylkill District; was Attorney-General of the State, and in 1832 was a candidate for the Vice-Presidency of the United States.

Sept. 9.—In Hartford, Ct., *Rev. Thomas H. Gallaudet*, aged 64. He was born at Philadelphia, Pa., Dec. 10, 1787. In 1800 the family removed to Hartford, Conn., and he was graduated at Yale College in 1805. Soon after leaving college he engaged in the study of law at Hartford. In 1808 he was chosen Tutor in Yale College, and he continued in this office until 1810. After this he was for a short time engaged in mercantile business; but in 1811 he devoted himself to the study of theology, and in 1814 he was licensed to preach. His labors were now directed into a new field, and, becoming interested in the subject of instructing deaf mutes, he engaged as a pioneer in this work of benevolence, and to it he devoted a large part of his active and most useful life. In May, 1815, he went to Europe, in order to learn the best method of instruction. Having accomplished this object, he returned in August of the year following, and in April, 1817, the *Asylum for the Deaf and Dumb* was opened in the city of Hartford. This was the first public institution of the kind in this country. In consequence of impaired health, he resigned his place as Principal of the Asylum in the year 1830, continuing still to be one of its directors, and never ceasing to take an interest in its affairs. After a short respite from his laborious occupations, he employed himself in the preparation of various works designed to aid in the education of the young, and he engaged with great zeal in numer-

ous undertakings of Christian philanthropy. In June, 1838, he commenced his labors as chaplain of the Connecticut Retreat for the Insane at Hartford, and he discharged the duties of this office up to his last illness. A discourse in commemoration of his life, character, and services was delivered at Hartford, by Hon. Henry Barnard, in January, 1852, and has since been published.

Nov. — In Providence, R. I., *Hon. Albert Gallup*, formerly Sheriff of the County of Albany, a Representative to the 25th Congress from the Albany District, and Collector of Providence during Mr. Polk's administration.

Oct. 26. — In Missouri, *P. G. Glover*, for many years Treasurer of the State.

Sept. 24. — On his plantation, in South Carolinn, *Hon. James Graham*, aged 57. He was a lawyer by profession, and practised for many years with great success. He represented the county of Rutherford in the State Legislature four years, and the Buncombe District in Congress twelve years. Having never married, he bequeathed the principal part of his estate to his only surviving brother, the Hon. William A. Graham.

Sept. 18. — In Mantua, Portage Co., Ohio, *Elias Harmon*, aged 78. He was a native of Connecticut, and removed to Ohio in 1799. In October of that year, he settled on his farm in Mantua, where he continued to reside till his death. He was the first County Treasurer of Portage County in 1808; Deputy Marshal in 1810, and took the census of what was then Portage County; member of the Legislature of Ohio the winters of 1810, 1811, and 1812; appointed Associate Judge for Portage County the winters of 1814 and 1815; continued to hold that office by reappointments till 1836, making a term of 21 years. But one court was held during that time without his attendance; that one in May, 1832, when he was absent on a visit to his native State.

Nov. 10. — At his residence, near Raleigh, N. C., *Hon. Richard Hines*, aged 58. He was a gentlemen of liberal feelings, and great personal worth, and served his country both in the State and national councils.

Oct. 10. — In Canandaigua, N. Y., *Hon. Nathaniel W. Howell*, aged 81, member of Congress from 1813 to 1851.

Nov. 9 — In New York, *Gardiner G. Howland*, an eminent and successful merchant, and a useful and energetic member of the charitable institutions of his city.

Dec. 14. — In San José, Cal., *Hon. J. M. Jones*, United States District Judge for the Southern District of California. He was a native of Scott County, Kentucky, but resided several years in New Orleans, where he practised his profession of the law before going to California, about two years and a half since. He was a member of the Convention which formed the State Constitution.

Sept. 25. — In Detroit, Mich., *Hon. Lucius Lyon*, Senator in Congress from Michigan, from 1836 to 1840.

Nov. 21. — In New York, N. Y., *Dr. James R. Manley*, aged 70 years. He was formerly the resident physician of the city, and was the physician of "Tom Paine" at the time of his death.

Nov. 14. — In Auburn, N. Y., *Hon. Elijah Miller*, aged 80. He was the son of Samuel Miller, a patriot of the Revolution, and was distinguished for his vigorous intellect and profound ability as a lawyer.

Nov. 27. — In New York, *Dr. Granville Sharp Pattison*, Professor of Anatomy in the University of New York, aged 59. He was a Scotchman by birth, but had been a resident of this country for many years. He was well known among his profession as an eminent teacher of Anatomy, first in the London University, and subsequently in the Medical Colleges of Baltimore and Philadelphia.

Oct. 18. — In Stratford, Ct., *Hon. David Plant*. He was born at Stratford, Ct., and was graduated at Yale College in 1804. He was Lieutenant-Governor of Connecticut from 1823 to 1827, and member of the House of Representatives of the United States from Connecticut from 1827 to 1829.

Dec. 14. — In Statesburg, S. C., *Hon. Joel R. Poinsett*, aged 72. He was a native of South Carolina; of delicate health in youth, and the sole survivor of a large family, he went abroad for his health, and passed his early life in England and on the Continent. He travelled extensively in Europe, and penetrated far into the interior of Asia. He passed a portion of his life in the Spanish American States, and with Clay and Webster espoused their cause and that of Greece in the House of Representatives, where he served from 1821 to 1825. In 1825 he was appointed by President Adams, though of different politics, Minister to Mexico. His return was in the midst of the Nullification excitement, in wh

he was a devoted and active Union man. He was Secretary of War during Mr. Van Buren's administration. Since 1840 he had been in retirement, occasionally, however, writing upon the topics of the day. He censured the war with Mexico, though declared by the politicians with whom he had always acted. His latest labors were devoted to the preservation of the Union, and to save from the defilement of secession or revolution the honor of his native State.

Nov. 24. — In Reading, Pa., *Hon. John Ritter*, Representative in Congress from Pennsylvania from 1843 to 1847.

Nov. 18. — In Cambridgeport, Mass., *Franklin Sawyer, Jr.*, aged 41. He was a graduate of Harvard College in 1830. He was once the editor of a paper in New Orleans, and at one time he edited the *Detroit Advertiser*. During his residence in Michigan, he held the office of Superintendent of Public Instruction. For about two years previous to his death, he was one of the editors of the *Watchman and Reflector* in Boston, and was a member of the State Legislature the session before his death.

Sept. 15. — In Buffalo, N. Y., *Hon. Seth E. Sill*, one of the Justices of the Supreme Court of New York.

Dec. 22. — At Edenton, N. C., *Joseph B. Skinner, Esq.*, aged 70. He was in early life a distinguished lawyer, but for many years before his death devoted his attention principally to agricultural affairs, in which he became eminently proficient. He was at different periods a member of both Houses of the General Assembly, as well as of the Convention, which, in 1835, was called to amend the State Constitution.

Oct. 12. — In Washington, D. C., *Commodore Lewis Warrington*, aged 69. He was born at Williamsburg, Va., in November, 1782. After graduating at William and Mary College, he entered the navy in 1800. His services in the Tripoli war and the war of 1812 made his name familiar to the American people as a brave, energetic, and skilful captain. At the time of his death, he was Chief of the Ordnance Bureau.

Sept. 16. — In St. Louis, Mo., *Brevet Brigadier-General Henry Whiting*, Assistant Quartermaster-General. He was commissioned a Cornet of Dragoons, October 20, 1808, and passed honorably through the successive grades to that held by him at his decease. He served with reputation on the Niagara frontier in the war of 1812 with Great Britain. In the late war with Mexico he filled the high and responsible post of Quartermaster-General to the Army of Occupation, and shared with it in the glory of the field of Buena Vista. The brevet of Brigadier-General conferred on that occasion attests the appreciation of his services in that memorable conflict.

Sept. 19. — In Rochester, N. Y., *Hon. Frederick Whittlesey*, aged 54. He was born at Washington, Ct., in June, 1799, and was graduated at Yale College in 1818. He was admitted to the bar at Utica, N. Y., in October, 1821. In 1822 he established himself as a lawyer at Rochester, N. Y., and was soon intrusted with many important public offices. In 1830 he was elected Representative in Congress from Western New York, and he continued a member until 1835. In 1839 he was appointed Vice-Chancellor of the 8th Judicial Circuit of the State of New York, and held this office for eight years, until it ceased under the provisions of the new Constitution. At this time he was chosen Judge of the old Supreme Court, which was to continue in existence until July, 1848. In January, 1850, he was elected Professor of Law in Genesee College at Lima, New York.

Sept. 7. — In Portsmouth, N. H., *Hon. Levi Woodbury*, Associate Justice of the Supreme Court of the United States for the First Circuit, aged 62. He was born in Franconstown, N. H., December 22, 1789, entered Dartmouth College in 1805, graduated in 1809, and joined the Law School at Litchfield the same year. He studied law also in Boston, Exeter, and Franconstown; and in September, 1812, commenced practice in Franconstown. In December, 1816, he was appointed Judge of the Superior Court of New Hampshire. In 1819 he was married, and removed to Portsmouth. He was elected Governor of New Hampshire in 1823; was Speaker of the House in 1825; and in June of that year was elected Senator to Congress; was appointed Secretary of the Navy in May, 1831; was transferred in 1834 to the Treasury Department, in which office he continued until 1841, when, upon the incoming of the Harrison administration, he returned to Portsmouth. In March of that year he was reelected to the Senate, where he continued until September, 1845, when he was appointed, by President Polk, Justice of the Supreme Court.

Nov. 11.—In Bloomington, Ind., *Rev. Andrew Wylie, D. D.*, aged 62. At the age of twenty-three he was President of Jefferson College, and afterwards of Washington College in Pennsylvania. For the last twenty-three years, he was the President of the Indiana State University at Bloomington. During this protracted service as a teacher, he did good service in the cause of good morals and sound learning.

Aug. 18.—In West Killingly, Ct., *Hon. Ebenezer Young*, aged 67. He was born at Killingly, Ct., in 1784, and was graduated at Yale College in 1806. He resided at West Killingly, Ct., in the practice of the law, and was often in public life. He was thrice a member of each House of the Legislature of Connecticut, and for two sessions Speaker of the Lower House. He was a member of the House of Representatives of the United States from Connecticut from 1829 to 1835.

## 1852.

May 15.—In Washington, D. C., *Mrs. Louisa C. Adams*, relict of the late President John Quincy Adams.

April 30.—In Paris, Maine, *Hon. Charles Andrews*, aged 38, Representative in Congress from the 4th District in Maine. He was born in Paris in 1814, studied law with Judge Emery of Portland and Mr. Senator Hamlin, and was admitted to the bar in 1837, and settled in Turner. He was Representative in the State Legislature from 1839 to 1843, and was Speaker in 1842.

Jan. 16.—In Williamsport, Pa., *Hon. Joseph B. Anthony*, aged near 50. He was President Judge of the 8th Judicial District.

June 27.—In Kingston, R. I., *Hon. Lemuel H. Arnold*, aged 49. He was born in St. Johnsbury, Vt., January 29, 1792. He removed to Rhode Island at an early age. He graduated at Dartmouth College in 1811, and was educated to the bar, but left it to engage in mercantile pursuits. In 1831, he was elected to the office of Governor of the State, to which office he was reelected the following year. In 1842 he was a member of the Governor's Council during the Dorr war, and from 1845 to 1847 he was one of the Representatives of the State in Congress. He was a gentleman of stern integrity, and enjoyed the esteem of his fellow-citizens. His father, Jonathan Arnold, was a member of the Continental Congress from Rhode Island, and in May, 1776, drew up the Rhode Island Act repealing the laws providing for the oaths of allegiance to the mother country.

June 20.—In Washington, D. C., *Don Antonio de Aycinena*, late Consul-General of Guatemala in this country.

May 18.—In Staunton, Va., *Briscoe G. Baldwin*, one of the Judges of the Court of Appeals of Virginia, and a distinguished ornament of the Bench. He was born at Winchester, January 4, 1789, and was elected by the Legislature, in 1842, to fill the station vacated by the death of Judge Parker.

Jan. 3.—In Charlestown, Mass., *Reverend Walter Balfour*, aged 74. He was born in Scotland, and educated as a thorough Presbyterian. He emigrated to the United States at the age of twenty, and was very popular as a speaker, from the fact that he seldom used notes,—extempore speaking being very rare in those days. At about the age of thirty he became a Baptist, and continued in that belief until about 1819, when he became a Universalist from reading Professor Stuart's letters to the Rev. Dr. Channing. He shortly after published his first and second "Inquiries," two large standard works, and his "Essays." In 1823 his famous letters to the Hon. Charles Hudson on the "State of the Dead," were published. Not long after, he had a theological controversy with Doctors Sabine and Whitman.

June 7.—In Boston, *Reverend Hosea Ballou*, aged 80; since 1817 Pastor of the Second Universalist Society in Boston, and for sixty years a distinguished preacher of that denomination. He was born in Richmond, N. H., April 30, 1771. His father was a Baptist clergyman, and he was admitted a member of that church in his nineteenth year. He soon became a Universalist, was excluded from the church, and began to preach in 1791. He was first settled in Dana, Mass., then in Barnard, Vt., then in Portsmouth, N. H., then in Salem, Mass., whence he removed to Boston in 1817.

April 20. — In Jersey City, N. J., *Rev. Edmund D. Barry*, D. D., Rector of St. Matthew's Church, aged 76.

March 26. — In St. Augustine, Florida, *Hon. Gideon Barstow*, aged 69. Mr. Barstow was a native of Massachusetts, and was in Florida for his health. He had been a member of both branches of the Legislature, and was a Representative in Congress from 1821 to 1823.

June 22. — In Brooklyn, N. Y., *Charles C. Berry, Esq.*, aged 39, commander of the steamship United States, and for many years connected with the merchant marine service of New York.

Aug. 13. — In Fairfield, Ct., *Cyrus H. Beardsley*, aged 53. He was born in Huntington, Ct., and was graduated at Yale College in 1818. He was bred a lawyer, and was distinguished in political life in his native State, having been member of both branches of the Legislature and Speaker of the House, and Judge of the County Court of Fairfield County.

April 23. — In Walden, Vt., *Hon. James Bell*, aged 76, for many years a member of the Legislature and a legal practitioner, much valued as a politician and popular speaker.

March 17. — In St. Louis, Mo., *John Randolph Benton*, only son of Hon. T. H. Benton, aged 22.

Jan. 30. — In New Braintree, Mass., *Hon. Joseph Bowman*, aged 80. Mr. Bowman was a native of New Braintree and early engaged in business, by which he secured for himself a competence. He represented his town in the General Court for fourteen years, was for two years a member of the State Senate, and for three years of the Governor's Council. He was a member of the Constitutional Convention in 1820. He was President of the Ware Bank for twenty years. In all the relations of life he was honored and trusted.

May 19. — In Rock Island, Ill., *James Brackett, Esq.*, aged 70. Mr. Brackett was born in Greenland, N. H., March 31, 1782; graduated at Dartmouth College in 1805; studied law, and in 1808 commenced the practice of his profession in Cherry Valley, N. Y., where he continued until at an advanced age he removed to Illinois. He was for a time Surrogate of Otsego County, and was always a devoted friend of common schools and all institutions of learning. He was much devoted to literature, and was the author of several occasional addresses. As a lawyer he gained the respect and confidence of his clients, and of the bench and bar.

March 2. — In Key West, Florida, *Fielding A. Browne, Esq.*, one of the oldest residents of the place, and a man of exemplary character. He was Vice-Consul of France and Spain.

June 17. — In Smithfield, R. I., *Hon. Thomas Buffum*, aged 75. He had been an active man in the political history of the State, and been elected by his fellow-citizens to numerous offices of honor and trust. He served as a Judge of the Supreme Court, and as a member of the General Assembly in both branches. He was a member of the Corporation of Brown University.

March 6. — In Savannah, Ga., *Hon. William B. Bulloch*, aged 76. He was the son of Archibald Bulloch, a distinguished patriot of the Revolution. He studied law with Judge Stephens, and was a prominent member of the bar as early as 1800. He was elected United States Senator in 1813. In 1816 he was chosen President of the Bank of Georgia, of which he was one of the founders, and held the office for twenty-seven years. He was Mayor of the city in 1809, and subsequently Collector of the Port.

April 23. — In Orland, Maine, *Dr. John Burnham*, a well-known physician and politician, aged 80.

June 30. — On the Prairie, near the Missouri line, *en route* from Santa Fé to Washington, *James S. Calhoun*, Governor of New Mexico.

July 25. — In New Brunswick, N. J., *Rev. James Spencer Cannon*, D. D., aged 76, a highly talented and respected minister of the Dutch Reformed Church. He was for the last 26 years Professor of Metaphysics in Rutgers College, and of Pastoral Theology and Ecclesiastical History in the Theological Seminary at that place, and was distinguished for strong and original powers of mind, urbanity of manners, and fervent piety.

Feb. 14. — Near Carlinton, Ill., *Hon. Thomas Carlin*, aged 60. He was born in Kentucky in 1790, and removed to Illinois in 1812. He was elected Governor in 1838, and held the office four years. As a man and a citizen he was greatly esteemed by those who knew him.

Feb. 24.—In Exeter, N. H., *Hon. Samuel Cartland*, aged 58. He was a native of Lee, N. H., a graduate of Dartmouth College, a lawyer by profession, and had been a member of both branches of the Legislature of his native State, President of the Senate, Judge of Probate, and, for a short time, acting Governor. He was subsequently for some years a Clerk in the Treasury Department at Washington, which place he relinquished in October, 1850.

May 6.—In Washington, D. C., *Matthew St. Clair Clarke, Esq.*, aged 61, formerly Clerk of the House of Representatives.

June 29.—In Washington, D. C., *Hon. Henry Clay*, aged 75. Henry Clay, the seventh son of the Rev. John Clay and Elizabeth Hudson, was born in Hanover County, Virginia, on the 12th of April, 1777. Having received a common school education, he became, at an early age, a copyist in the office of the Clerk of the Court of Chancery at Richmond. At nineteen he commenced the study of the law, and at twenty he was admitted to the bar. Shortly afterwards he removed to Lexington, Ky., where he was admitted to the bar on the 4th of October, 1799, and soon obtained extensive practice. He began his political career about the same time, by taking an active part in the election of delegates to frame a new constitution for the State of Kentucky, contending, though unsuccessfully, among other reforms, for the gradual abolition of slavery.

His course on this subject rendered him somewhat unpopular, but the jealous opposition which he made to the alien and sedition laws of 1798 soon restored popular regard, and in 1803 he was triumphantly elected to the Legislature by the citizens of Fayette County. In 1806 he was appointed to the United States Senate for the short remainder of the term of General Adair, who had resigned. In 1807 he was again elected a member of the General Assembly of Kentucky, and was chosen Speaker by a large majority. In the following year occurred his duel with Humphrey Marshall, whom he was provoked to challenge in accordance with the public sentiment of that day, — since happily changed, — for unjustifiable epithets applied in debate.

In 1809 Mr. Clay was again elected to the United States Senate for two unexpired years of the term of Mr. Thurston, resigned, and during this period he distinguished himself by brilliant speeches on several important subjects. In the summer of 1811 he was elected a member of the House of Representatives, and was chosen Speaker on the first day of his appearance in that body, by a vote of nearly two to one, and he was five times reelected to this office. The unprecedentedly sudden conferment of this honor was owing to the confidence so generally entertained in his dignity of demeanor, energy of character, and parliamentary experience. During this session, his eloquence aroused the country to resist the aggressions of Great Britain in the impressment of American seamen, and the searching of American vessels, and awakened a national spirit which led to triumph in the subsequent war.

Mr. Clay continued to occupy the Speaker's chair in Congress until January, 1814, when he was appointed one of the Commissioners to negotiate a treaty of peace at Ghent. Returning from this important mission, he was welcomed back by his old constituents, and was soon reelected to Congress, on the floor of which, in 1818, he made memorable speeches in favor of recognizing the independence of the South American Republics. In the same year, Mr. Clay put forth his strength in behalf of a national system of internal improvements, eloquently and successfully vindicating their constitutionality in opposition to the influence of Mr. Monroe. A monument of stone, inscribed with the name of "Henry Clay," has been erected on the Cumberland Road, to commemorate his great services in behalf of that improvement. In the session of 1819–20, Mr. Clay exerted himself with preëminent ability for the establishment of protection to American industry, and this was followed by equally important services in adjusting the Missouri Compromise.

After the settlement of these great questions, he withdrew from Congress, in order to attend to his private affairs, which had become embarrassed in consequence of the singleness of purpose with which he had devoted himself to the public weal; but his retirement was of short duration. Three years of professional practice retrieved his pecuniary losses, and in 1823 he returned to Congress, and was reelected Speaker by a majority of more than three fourths of the members. It was during this session that Daniel Webster presented his memorable resolution providing for the recognition of the independence of Greece, and Mr. Clay, with the same ardor which he had always manifested in behalf human liberty, exerted himself nobly in its support.

In 1824, being still a member of the House, he took an active part in the Presidential contest, and gave his vote in the House for John Quincy Adams. Under Mr. Adams, he accepted the appointment of Secretary of State, and discharged its duties during his whole term of office. For the acceptance of this appointment he was subjected to much reproach from the Democratic party, on the groundless assumption that his vote for Mr. Adams was given on the understanding that he was to be rewarded for it by the gift of the office. This slander was most satisfactorily refuted, and that refutation has been lately confirmed by the testimony of Mr. Benton. The attacks upon Mr. Adams's administration, and especially upon the Secretary of State, by John Randolph, led to a hostile meeting between him and Mr. Clay, which terminated without bloodshed. The archives of the Department of State testify abundantly to the efficiency with which it was conducted by Mr. Clay. His policy was thoroughly American, and throughout his career he adopted with enthusiasm the idea of a combined American policy to the exclusion of European influence on this continent.

At the close of Mr. Adams's administration, in 1829, he returned to Kentucky, and in 1831 was elected to the Senate, and in the same month of his reappearance in the Senate was unanimously nominated by the National Republican Convention, assembled at Baltimore, to the office of President of the United States, on a ticket with John Sergeant as Vice-President. Mr. Clay at once recommenced his labors in favor of the Tariff, and through his exertions a new bill was passed greatly reducing the revenue, but retaining the Protective system unimpaired. This bill provoked the opposition of the South, and soon brought portions of the country to the verge of civil war. Mr. Clay again presented a compromise measure, which, after a hard struggle, was passed.

Soon after its passage, he made a tour of the Middle and Eastern States, and was greeted with demonstrations of welcome and admiration. In 1836 he was reelected to the Senate, where he remained until 1842, when he resigned his seat, and took, as he supposed, and then intended, his final leave of the Senate, in a speech of great beauty and pathos. Throughout the whole of the administrations of General Jackson and Mr. Van Buren, he contended fiercely but openly against what he conceived to be executive usurpation and corruption. Nor did he lose sight of the line of national policy which he had formerly advocated. His speeches upon presidential vetoes and protests, upon the expunging resolutions, upon the abuses of executive patronage, upon land bills, and Indian affairs, upon the currency, and in opposition to the sub-treasury bill and the specie circular, form some of the most stirring passages in the political history of the country.

In 1839 his name was again prominently before the people as a candidate for the Presidency, but in the Whig Convention of that year, General Harrison was selected as the candidate, on the ground of superior availability. The nomination, however, received his most cordial support, and upon the election of General Harrison, he endeavored again to establish his system of national domestic policy, but the great measures which mainly by his influence were carried through Congress, were defeated by the vetoes of Mr. Tyler.

After his resignation, he still communicated with the public from his residence in Kentucky, by letters and speeches on the various topics of the day. The Whig party looked now to him alone as their next candidate for the Presidency. He received the nomination of the Convention in 1844 by acclamation, and "Justice to Henry Clay" was the watchword of the contest. Defeated in this election by Mr. Polk, the Democratic candidate, he remained in retirement in Kentucky until after the election of General Taylor, when, in 1849, he was reelected to the Senate of the United States. Here, during the famous session of 1849-50, he devoted all his remaining energies to secure the passage of the series of measures known as the Compromise Acts. His efforts during this session weakened his strength and hastened his death. As his disease was gaining the mastery over him, he sought for relief in the winter of 1850-51 in a visit to Havana and to New Orleans, but with no permanent advantage. At the commencement of the present session of Congress, he came to Washington, but was unable to participate in the active duties of the Senate. Sensible of his failing health, he resigned his seat in the Senate, the resignation to take effect upon the 6th of September, 1852. But he was not to see that day. He died in harness, amid the scenes of his proudest and most glorious triumphs.

The announcement of his death spread a gloom over the land, and tributes

were everywhere paid to his memory. As the funeral *cortège* that escorted his remains to their last resting-place, in the beloved State of his adoption, passed through the different cities, heartfelt honors were paid to his memory, and he was mourned as a public benefactor and friend.

His eminence as a lawyer was only eclipsed by the splendor of his political fame. In juridical learning he did not excel, nor could it have been expected, considering the standard of professional attainments in his day, but he was well grounded in the principles of the law, and these carried him safely through his manifold labors. As a jury lawyer and a criminal advocate, he has rarely, if ever, been excelled. His most eloquent speeches in public life are said to have been surpassed by some of his addresses to Kentucky juries before he had passed his twenty-fifth year. To many of the moral movements of the day, he gave the weight and influence of his eloquence and his sympathy. Especially was he interested in the success of the Colonization Society, and was for a long time one of its most efficient officers, and also its president.

Mrs. Clay, his wife, still survives; and, of their twelve children, three sons only are now living.

Jan. 20. — *Susan Augusta*, relict of the late J. Fenimore Cooper, aged 59.

April 21. — In Westmoreland, Pa., *Judge Richard Coulter*, of the Supreme Court of Pennsylvania.

March 31. — In Belfast, Maine, *Hon. William Crosby*, the oldest lawyer and judge in the State, aged 82. He was born at Billerica, Mass., in 1770. In 1794 he was graduated at Harvard College, holding a high rank in his class. In January, 1802, more than half a century since, he went to Belfast, and settled as a practising lawyer. He was first appointed County Attorney, which office he held till his election to the Legislature. In 1808 he was elected Senator to the Massachusetts Legislature, and subsequently was chosen an Elector of President and Vice-President.

In 1812 he was appointed, by the Executive of Massachusetts, Judge of the Circuit Court of Common Pleas, which office he held about ten years. On the separation of Maine from Massachusetts, and the consequent reorganization of the judiciary of the new State, Judge Crosby retired from the bench, and again resumed the practice of his profession, which he continued with signal success until the year 1831, when he withdrew wholly from active life.

March. — In Clinton, N. Y., *Rev. Henry Davis*, D. D. He was born at East Hampton, N. Y., and was graduated at Yale College in 1796. He was Tutor in Williams College for two years, and in Yale College five years. He was Professor of Greek at Union College, Schenectady, N. Y., from 1805 to 1810, and was then elected President of Middlebury College, Vt. In 1817 he was chosen President of Hamilton College, N. Y., and continued in this office until 1833.

Jan. 29. — In Pittsburg, Pa., *Hon. Harmar Denny*, aged 58. He graduated at Dickinson College, was a member of the Legislature of Pennsylvania, a Representative in Congress from 1829 to 1837, and was a member of the Convention which formed the present constitution of Pennsylvania. In the councils of his native city, and other offices of trust and honor, he maintained a respectable standing by his sound judgment, firmness, tact, and practical abilities.

May 15. — In Washington, D. C., *William S. Derrick*, Chief Clerk in the Department of State, aged 50. Mr. Derrick was born in Westchester, Pa., and was appointed a clerk in the Department of State in 1827. He was well acquainted with the French and Spanish languages and with English literature.

March 2. — In Cincinnati, Ohio, *Hon. Alexander Duncan*, from 1837 to 1841 and from 1843 to 1845 member of Congress from Ohio.

Aug. 9. — In Worcester, Mass., *Hon. Alfred Dwight Foster*, aged 52, an upright, honorable, and benevolent man.

June 24. — In Charleston, S. C., *Rev. Christopher Edwards Gadsden*, aged 68. He was born at Charleston, S. C., and was graduated at Yale College in 1804. He was ordained Deacon of the Episcopal Church in July, 1807, by Bishop Moore of New York; and Priest in April, 1810, by Bishop Madison of Virginia. In January, 1808, he was chosen Rector of Biggin Church in the Parish of St. Johns, Berkeley, S. C., and resigned in February, 1810, to enter on the duties of assistant minister in St. Philip's Church, Charleston, S. C. In July, 1814, he was chosen Rector of St. Philip's, as successor of Rev. James Dewar Simons, and continued to officiate there to the time of his death. In 1840 he was elec'



Bishop of the Diocese of South Carolina, and was consecrated thereto in Boston, June, 1840.

March 10. — In Amherst, Mass., *Dr. T. J. Gridley*, aged 65, a gentleman of eminence in his profession. He was a graduate of Yale College, of the class of 1808. He had been a member of the Executive Council of Massachusetts.

March 28. — In Washington, D. C., *John Haviland*, an eminent architect. He was born in England in 1792, studied with Elmes, and commenced his career in Russia. Preferring liberty to royal patronage, he came to this country warmly recommended by John Quincy Adams, then Minister at St. Petersburg. He constructed, from his own designs, many public works in this country. He paid especial attention to the construction of jails and prisons, especially those on the separate system.

July 13. — In Barbadoes, *William R. Hayes, Esq.*, American Consul at that place.

Feb. 21. — In Baltimore, Md., *Hon. Upton S. Heath*, Judge of the United States District Court for Maryland, after a lingering illness. He had been for sixteen years Judge of the District Court, having been appointed by General Jackson upon the retirement of the Hon. Elias Glenn. In the discharge of the duties of the bench, he exhibited probity, impartiality, and firmness; and in private life, he was distinguished for honor, courtesy, and the most expansive benevolence.

July 20. — In Frederick, Md., *Right Reverend John Prentiss Kewley Henshaw, D. D.*, Bishop of the Protestant Episcopal Diocese of Rhode Island. He was consecrated bishop in Providence on the 11th of August, 1843.

June 15. — In Washington, D. C., *Brevet Major-General Roger Jones*, Adjutant-General of the army. He commenced his military career, January 26, 1809, as a Lieutenant of Marines, which commission he held at the outbreak of the war of 1812 with Great Britain, when he was appointed a Captain of Artillery in the Army. His zeal and activity in the arduous campaigns of 1813 and 1814 on the Niagara frontier, and his distinguished gallantry as a Major of the Staff in the memorable conflicts of Chippewa, Lundy's Lane, and the sortie of Fort Erie, won for him the universal respect and admiration of his brother officers, and the marked approbation of the government. He was raised in 1825 to the confidential post of Adjutant-General, which he held at his decease.

June 17. — In Bath, Maine, *Hon. William King*, the first Governor of Maine, and one who has figured most conspicuously in the political relations of the State, aged 84. Governor King was born in Scarborough in 1768, and was a brother of Hon. Rufus King. He removed to Bath about the commencement of the present century. His name is identified most intimately with all that relates to the separation from Massachusetts, and the adoption of the State constitution. As the first Governor of a flourishing and important State, he administered the duties of his office with ability and fidelity. Among the stations which he has since held may be enumerated those of Commissioner on the Spanish Claims, of Commissioner for the Erection of the State-House at Augusta, and of Collector of the Port of Bath.

Aug. 31. — In New Haven, Conn., *Professor James L. Kingsley*, aged 75. He was born in Windham, Conn., August 28, 1778. He was graduated at Yale College in 1799. He returned to the College as Tutor in 1801, and for half a century has been one of the prominent instructors in that institution. In 1805 he was chosen Professor of Languages and Ecclesiastical History. In 1831 he relinquished instruction in Greek, on the appointment of Professor Woolsey; and he ceased to teach Hebrew about the year 1836. Since that period, his department has been limited to the Latin language and literature. He was also the Librarian of the College from 1805 to 1824. In 1851 he resigned his official connection with the College, but consented to retain title as *Professor Emeritus*. He was a scholar of extensive, varied, and exact learning, and as a writer distinguished for accuracy, terseness, and force. Many important papers on subjects of literary and classical criticism were published by him in the reviews and other periodical works of his time. In the history of this country, and especially of New England, he was uncommonly well versed, and the few contributions which he made to our historical literature are of such value as to cause us to regret he did not publish more.

June 25 — In Ripley, N. Y., *Hon. Dudley Marvin*, aged 65. He was a native of Lyme, Conn., from which place he removed to Canandaigua in the year 1807,

where he commenced and prosecuted the study of the law in the office of Howell & Greig. He was admitted to the bar, and commenced the practice of law about the year 1811. He soon attained an eminence in his profession, especially as an advocate, which made him known in all parts of the State. He was almost constantly employed in important causes in the western circuits, so that his name was familiar in all the western counties. He was a member of Congress from 1823 to 1829, having been elected for three consecutive terms. In 1844 he removed to Ripley, Chautauque County, with a view of spending the remainder of his days in retirement, but in 1846, his services were again demanded by the spontaneous voice of the people of that district, and he was again elected to Congress, and served another term.

Jan. 29. — In Washington, Pa., *Rev. David McConaughy, D. D.*, aged 73, for many years President of Washington College, Pa.

July 19. — In Louisville, Ky., *Hon. John McKinley*, Associate Justice of the Supreme Court of the United States. He was a native of the State of Virginia, was appointed from the State of Alabama, but his residence was at Louisville, Kentucky.

July. — In Columbus, Ohio, *George McMillen, Esq.*, Superintendent of the Ohio Institution for the Blind.

June 21. — In Baltimore, Md., *John McTavish, Esq.*, aged 64; for the last seventeen years British Consul for Maryland.

Aug. 22. — In New Haven, Conn., *Doctor Aeneas Monson*, aged 89. He was born in New Haven, and was graduated at Yale College in 1780, and since the death of his classmate, Dr. Nott, he has been the oldest surviving graduate of the College. After his graduation he joined the American Army, and served as Assistant Surgeon till the close of the war. A few years later he was engaged in mercantile pursuits, and subsequently for a long period as President successively of different banks in New Haven.

March 22. — In Ohio, *Hon. Jeremiah Morrow*, aged 82. He was a native of the State of Pennsylvania, but removed to the Northwest Territory, now the State of Ohio, in the spring of 1795; was called by the voice of the people to the public councils as a member of the Territorial Legislature in 1800; and was a member of the Convention to form a State Constitution for Ohio in 1802. He was the first member of Congress from that State, serving in that capacity for five successive terms, from 1803 to 1813, and immediately after served in the Senate of the United States one full term, from 1813 to 1819. He was Governor from 1822 to 1826; Canal Commissioner subsequently; in Congress from 1841 to 1843; and President of the Little Miami Railroad Company till 1847. While in Congress he was Chairman of the Committee on Public Lands. In all the public trusts committed to him he was distinguished for strict integrity and strong good sense.

April 14. — In Washington, D. C., *Thomas Munroe*, aged 80. He was one of the earliest Commissioners of that city during the administration of President Washington; and after the removal of the seat of government thither in 1800, he was appointed Postmaster of that city, which office he filled until the year 1829.

May 26. — In Franklin, Conn., *Rev. Samuel Nott, D. D.*, aged 98. He was born at Essex, Conn., in January, 1754, and was graduated at Yale College in 1780. In 1782 he was chosen pastor of the church in Franklin, Conn., and in that office he spent the remainder of his long-protracted life. He was also engaged in the business of instruction, and was a *maker of public men*. Until within a few years past, he discharged the duties of the pastoral office, and has long been regarded as the patriarch of the clergy of New England. In May, 1852, he was injured by a burn, and died of the effects of the accident.

March 2. — In Cambridge, Mass., *Rev. John Snelling Popkin, D. D.* He was born in Boston, June 19, 1771; ordained Pastor of the Federal Street Church in Boston, July 10, 1799; dismissed, November 28, 1802; installed Pastor of the First Church in Newbury, September 19, 1804; dismissed, October 5, 1815, having accepted the appointment of Professor of the Greek Language in Harvard College. This office he held till 1826, when he was appointed Eliot Professor of Greek Literature. He resigned his Professorship in 1833, but continued to reside in Cambridge during the remainder of his life. He was a member of the Massachusetts Historical Society, and of the American Academy.

July 5. — Near New Orleans, *Hon. Isaac T. Preston*, aged near 59. He was

born in Virginia, and was graduated at Yale College in 1812. He began his law studies at Litchfield, Conn., but suspended them in order to serve as captain of a company in the war with England, then in progress. He completed his professional studies with Mr. William Wirt. He removed to New Orleans, and rose to high distinction in the legal profession, and was elected Judge of the Supreme Court of Louisiana, which office he sustained at the time of his death. He was killed by the explosion of the boiler of the St. James, on Lake Pontchartrain, near New Orleans.

Aug. 7. — In Washington, D. C., *Hon. Robert Rantoul, Jr.*, member of Congress from the second district in Massachusetts, aged 47. Mr. Rantoul was born in Beverly, Mass., August 13, 1805; graduated at Harvard University in 1826; studied law in Salem with Hon. John Pickering, afterwards with the Hon. Leverett Saltonstall, and commenced practice in Gloucester, in his native county, in 1829. He was elected Representative to the General Court from Gloucester in 1834. In 1837 he was appointed a member of the Board of Education. In 1843 he was made Collector of the Port of Boston; and in 1845, by President Polk, he was appointed District Attorney for the District of Massachusetts. In 1851 he was elected Senator in Congress during the remainder of the term made vacant by Mr. Webster's resignation, and in the same year was elected to Congress from the second district by the combined votes of the Democrats and Free-Soilers.

June 15. — In Philadelphia, Pa., *Dr. James B. Rogers*, Professor of Chemistry in the University of Pennsylvania.

June 20. — In Elizabeth City, N. C., *Hon. William Biddle Shepard*, aged 51. He was born in the town of Newbern in the year 1799, of a family distinguished for talents, — himself the most distinguished. He was distinguished both as a lawyer and politician, but was most known to the public in the latter capacity, having been from 1827 to 1837 a member of Congress from the Edenton District.

April 28. — In Cumberland, Md., *David Shriver*, aged 84. He was a native of Frederick (now Carroll) County, and early devoted himself to engineering, which he selected as his profession. He located, superintended the construction of, and disbursed the money for, the great national road from Cumberland to Wheeling, and, on its completion, was appointed one of the Commissioners of Public Works of the General Government. He planned and constructed other public and private works.

Aug. 1. — In St. Louis, Mo., *Henry Shurlds, Esq.* He emigrated from Gloucester County, Va., and was a student of William Wirt. He successively filled the posts of Auditor of Public Accounts, Secretary of State, Judge of the Circuit Court, and Cashier of the State Bank.

June 3. — In Connecticut, *Hon. Perry Smith*, United States Senator from Connecticut from 1837 to 1843.

May 14. — In St. Louis, Mo., *Josiah Spaulding, Esq.* He was a native of Connecticut. He graduated at Yale College, and afterwards became a Tutor in Columbia College, N. Y. In 1820 he emigrated to Missouri, where he commenced the practice of the law, and for a time edited the St. Louis Republican. Afterwards he devoted his whole attention to his profession, and rose to the highest rank at the bar, and at one time occupied a seat on the bench.

Jan. 4. — In Andover, Mass., *Rev. Moses Stuart, D. D.*, aged 71. He was born at Wilton, Ct., March 26, 1780, and was graduated at Yale College in 1799. He was admitted to the bar in Danbury, Ct., November, 1802. About the same time he became Tutor in Yale College, and continued in office about two years. Soon after entering on the Tutorship, he determined to leave the legal profession, and engaged with great zeal in the study of theology. In March, 1806, he was ordained Pastor of the First Church in New Haven, and here continued about four years. In February, 1810, he was inaugurated Professor of Sacred Literature in the Theological Seminary at Andover, Mass., which station he filled with distinguished usefulness and success during most of the remainder of his life. He also published numerous commentaries and theological treatises, which have had a wide circulation at home and abroad. He was a man of uncommon ardor, industry, and enterprise.

June 17. — In Harrison County, Ky., *Hon. John Trimble*, aged 69. He was born in Clarke County, Ky., in 1783; studied law with his brother, Robert Trimble, late Justice of the Supreme Court of the United States; was a Circuit Judge, and also a Judge of the new Court of Appeals of Kentucky; he was an able lawyer and an upright man.

Jan. 23. — In Staunton, Va., *Rev. Joseph Dennie Tyler*, aged 48. He was born in Brattleboro', Vt., and was graduated at Yale College in 1829. He was a clergyman of the Episcopal Church, but for about fifteen years past he had been Principal of the State Institution for the Deaf and Dumb at Staunton, Virginia.

Aug. 24. — At his residence, near Alabama, Ohio, *Hon. Joseph Vance*. He was an old resident of the State, had served in the Legislature, was a Representative in Congress from 1821 to 1835, and was Governor in 1836.

April 23. — In Albany, N. Y., of apoplexy, *General Solomon Van Rensselaer*, aged 78.

Feb. 19. — In Cambridge, Mass., *Rev. William Ware*, aged 54. He was a son of *Rev. Henry Ware, D. D.*, and was born in Hingham, August 3d, 1797. He was ordained Pastor of the Unitarian Church in New York City, December 18, 1821, where he continued till 1836. He was, in December, 1843, settled at West Cambridge, where he continued for two years. During the remainder of his life, as his health permitted, he devoted himself to literary pursuits. He was the author, among other works, of *Probus* and *Letters from Palmyra*, which made him eminent as a pure, easy, graceful, and vigorous writer. He also wrote and delivered many interesting lectures on topics connected with literature and art.

Feb. — In Natchez, Miss., *Hon. George Winchester*, aged about 59. He was born at Salem, Mass., and was graduated at Yale College in 1816. He resided many years at Natchez, Miss., in the practice of the law, and was chosen Judge of the Supreme Court of that State.

July 17. — In Portland, Maine, *Greenleaf White*, Adjutant-General of the State of Maine.

June 26. — In Utica, N. Y., *Rear-Admiral Ralph Wormley*, of the British Navy, for some time resident of Boston, being retired from active service on the half-pay list.

May 8. — In Memphis, Tenn., *Robert J. Yancey, Esq.*, aged 46. He was for many years connected with the press of Tennessee, having published a paper at Lagrange as early as 1835–36. He afterwards edited and published the *Reporter* at Somerville for a number of years. From Somerville, he removed to Memphis, in the spring of 1848, and assumed the editorship of the *Eagle and Enquirer*, in which position he remained until the autumn of 1850, when he established the *Southerner*. After the suspension of that journal, he became again connected with the *Eagle and Enquirer*, as associate editor. Failing health, however, early last autumn, compelled him to give up his active occupation.

April 23. — In New York, N. Y., *Hon. John Young*, Assistant Treasurer of the United States at New York, aged 49. He was member of Congress from 1841 to 1843, and was Governor of the State from 1847 to 1849.

## CHRONICLE OF EVENTS.

1851.

Aug. 29. — A convention of twenty-five delegates assembles in Lewis County, Oregon, and appoints a committee to prepare a memorial to Congress to procure a division of the Territory and the organization of a separate Territorial government.

Aug. 30. — The United States war-steamer *Mississippi* arrives at Constantinople.

Sept. 1. — The inauguration of the railway between St. Petersburg and Moscow takes place.

Sept. 3. — J. M. Canales, and other citizens of Guerrero, in the State of Tamaulipas, Mexico, issue a *pronunciamiento* against the general government of Mexico.

Sept. 7. — The *Mississippi* sails for the Dardanelles. 10th, she receives Kosuth and his suite on board, he having arrived at the Dardanelles from Gemilk in a Turkish steam-frigate. 11th, the *Mississippi* sails for Smyrna. 21st, she

touches at Spezzia, where Kossuth meets Commodore Morgan and requests to be sent to England in the Mississippi, which request is refused. 25th, the Mississippi arrives at Marseilles, and Kossuth is permitted to land and remain at a hotel. 27th, Louis Kossuth, on board the Mississippi in the roads at Marseilles, addresses a note to the prefect of Marseilles, in which he demands of the government of the French Republic a free passage and protection through France on his way to England, which he is intending to visit. The prefect having communicated with the Minister of the Interior by telegraph, informs Kossuth, through the American Consul, that his request cannot be granted. In consequence of this refusal, Kossuth publishes an address to the citizens of Marseilles on the 29th, dated on board "the frigate Mississippi of the United States."

Sept. 9. — The funeral obsequies of the Spaniards and Cubans who fell in the contests with the forces of Lopez, are celebrated with great pomp at the cathedral in Havana. \$70,000 are subscribed by the inhabitants of Havana, for the benefit of their widows and children.

Sept. 10. — The steamer Pampero is seized by the United States revenue officers, at Dunn's Lake, Florida, for her connection with the expedition of Lopez. She is subsequently condemned.

Sept. 11. — A riot, with loss of life, occurs at Christiana, Lancaster County, Pa., upon the attempt being made to arrest a fugitive slave. Mr. Gorsuch, a citizen of Maryland, the owner of the slave, is killed, and his son is mortally wounded. The United States Marshal and his attendants are driven from the ground by armed negroes. The fugitive slaves are not arrested. The negroes had received intelligence of the coming of the officers, and were prepared to resist.

Sept. 16. — J. M. Carvajal issues a *pronunciamiento* on the Rio Grande against the Mexican government.

Sept. 18 or 19. — The battle of Camargo is fought between Carvajal's forces and those of the Mexican government. The former are victorious.

Sept. 21. — The stores of some of the Spanish residents at Key West, Fla., are attacked, and their contents destroyed.

Sept. 22. — Louis Kossuth and thirty-five of his countrymen are sentenced to death in *contumaciam* at Pesth, for not appearing after citation.

Sept. 23. — The cable telegraph wire between Dover and Calais is laid this day.

Sept. 30. — The Advance, one of Mr. Grinnell's vessels sent in search of Sir John Franklin, arrives from her expedition, in New York. Officers and crew all well. The Rescue arrives Oct. 8th.

Oct. 1. — The Mississippi leaves Marseilles, and October 5th arrives at Gibraltar. October 15th, Kossuth, his wife, and three children, with his suite, consisting of eleven persons, leave the Mississippi at Gibraltar and go on board the Madrid, an English passenger steamer, which sails the same day for Southampton, England, as does also the Mississippi for New York.

Oct. 3-5. — A heavy gale commences on the afternoon of the 3d and continues until the night of the 5th, along the coast of Prince Edward's Island, doing great damage to the American fishing fleet on that coast.

Oct. 8. — The Hudson River Railroad through to Albany, is opened.

Oct. 20 — The Southern Convention, so called, for the division of the State of California, meets at Santa Barbara.

Oct. 20. — Monday, General J. M. Carvajal, the leader of the insurrectionary forces on the Rio Grande, arrives with about 800 men, chiefly cavalry, and one brass four-pounder, takes possession of, and establishes his head-quarters at Fort Paredes, within a mile of Matamoras, which is held by the Mexican general, Avalos, with a force of 600 men, with nine six and nine pound guns. Attacks are made on the 21st, and following days. On the 30th, he commences a retreat, his troops disperse, he reaches Reynosa with a remnant of his men, and there establishes himself. During the siege the American troops at Brownsville, opposite Matamoras, are constantly occupied in keeping people from crossing the river to aid the assailants.

Oct. 22. — President Fillmore issues his proclamation against a military expedition which there is reason to believe is about to be fitted out in the United States for the purpose of invading the Mexican republic, with which this country is at peace.

Oct. 27. — A meeting is held in Faneuil Hall, Boston, this evening, to take measures to request the government of the United States to mediate with the British government in behalf of Smith O'Brien and his fellow-exiles.

Oct. 28. — A cotton-planters' convention, numbering about 300 members, meets at Macon, Ga., and adjourns October 31st. The object of the convention is to prevent fluctuations in the price of cotton. Little harmony of views or concord of action is manifested.

Nov. 3. — The Circuit Court of the United States, at Philadelphia, in the telegraph case, sustain the Morse patents, and decree an injunction upon the Bain line.

Nov. 10. — The United States steamer Mississippi arrives in New York with the exiled companions of Kossuth, forty-two in number.

Nov. 18. — The "natives" attack Bassa Cove (now Buchanan), Liberia. They had a few days before massacred some of the citizens near Fishtown.

Nov. 20. — In consequence of a panic arising from the alarm that the building is on fire, the children in an upper story of the Ninth Ward School, New York city, rush for the stairway; the passage is blocked up, the banisters give way, the children fall in a mass upon the lower floor, and forty-two perish from suffocation and injuries, and many others are more or less injured.

Nov. 24. — Castner Hanaway, one of the Christiana rioters, is put upon his trial for treason, in Philadelphia, before the Circuit Court of the United States, Judges Grier and Kane upon the bench. After a trial of several days, he is acquitted, Judge Grier ruling that the acts, if proved, would not constitute treason.

Nov. 25. — A battle is fought at Cerralvo, between Carvajal, with 350 men, and Jarregui, the Mexican general, with 320 men and two pieces of artillery. Jarregui is driven with loss into a store-house, which he holds until aid arrives, and Carvajal's troops are dispersed.

Dec. 2. — Louis Napoleon decrees, in the name of the French people, that the National Assembly and Council of State are dissolved, that universal suffrage is reestablished, that the first military division is in a state of siege, and that the French people are convoked in the electoral colleges from December 14th to December 21st. The decree is dated at the palace of the Elysee, is signed by Napoleon, and countersigned by De Morny, Minister of the Interior. Napoleon also publishes an appeal to the people, complaining of the Assembly, appealing to the entire nation, and submitting to their suffrages as the basis of a constitution, a responsible chief for ten years, ministers dependent upon the executive alone, a council of state, a legislative corps, and a second assembly. He promises, if he does not receive a majority of votes, to summon a new assembly and yield his power to it. The French people are called upon to accept or reject by their vote, upon the 14th of December, the following *plebiscite*: — "The French people wills the maintenance of the authority of Louis Napoleon Bonaparte, and delegates to him the powers necessary to frame a constitution on the basis proposed in his proclamation of the 2d of December." All Frenchmen aged 21, and enjoying their civil and political rights, are permitted to vote. The public places are filled with troops at an early hour. The chief leaders of the Assembly are arrested, as are also the principal Red Republicans and Socialists. The representatives attempting to hold a session of the Assembly are dispersed, after having first decreed the *déchéance* of Napoleon, absolved the officers of the army, &c. from their oath of obedience to him, and convoked the High Court of Justice to judge the President and his ministers. Collections of people in the street are at once dispersed.

Dec. 3-7. — All attempts to oppose the assumption of power by Napoleon are unsuccessful. A few barricades are erected, but are soon torn or battered down. All combatants at the barricades are put to death, and crowds in the streets are fired upon.

Dec. 4. — The decree of Louis Napoleon of December 2d is modified, so that the vote is to be by secret ballot, and on the 20th and 21st December another decree is promulgated, appointing a "consultative commission" of from 80 to 100 members.

Dec. 8. — A battle is fought at Longomilla between the government troops of Chili, under General, late President, Bulnes and the rebels under General Cruz, in which General Cruz is entirely defeated and his troops dispersed.

Dec. 8. — Napoleon publishes a manifesto that "insurrectionary troubles have ceased," and order from this time reigns in Paris. There are opposition and fighting in several of the departments, but they are put in a state of siege, and in all the friends of Napoleon are successful.

Dec. 17. — Henry Clay, by letter of this date at Washington, to the Gene

Assembly of Kentucky, resigns his seat in the Senate, his resignation to take effect September 6th, 1852.

Dec. 24. — The principal room of the library of Congress is destroyed by fire, together with paintings, statuary, medals, and about 35,000 volumes of books. The fire was occasioned by the timbers which formed the alcoves being inserted in the chimney-flues.

Dec. 5. — Kossuth arrives at Staten Island from Southampton. 6th, he reaches New York as the guest of the city, and reviews the troops, and there is a large military and civic procession in his honor. 8-10, numerous deputations from cities and societies wait upon Kossuth at his rooms. 11th, the city corporation give him a banquet at the Irving House. 12th, he publishes a card, stating his "leading principle" to be, "not to mix and not to be mixed up with domestic concerns or party questions." 15th, the banquet of the press is given to him at the Astor House. 16th, the military of New York, between 5,000 and 6,000 strong, receive him at Castle Garden. 18th, the citizens of Brooklyn receive him in the Church of the Pilgrims. 19th, the bar of New York give a banquet to him. 20th, he gives a farewell address in New York before the ladies at Tripler Hall. 24th, Kossuth arrives in Philadelphia, and is received by the city corporation and escorted through the principal streets by a military and civic procession, and a banquet is given him in the evening. 27th, Kossuth is received with great parade by a military and civic procession in Baltimore. 30th, Kossuth arrives in Washington. 31st, Kossuth and his suite wait upon President Fillmore, and Kossuth reads a short address, to which the President briefly replies.

Dec. 26-27. — The town of Lagos, on the coast of Africa, is destroyed by an English force, with a loss of 30 killed and 69 wounded, because the native chief refused to sign a treaty for the effectual suppression of the slave-trade in his dominions. The chief is deposed and another substituted in his place.

Dec. 26-28. — A large portion of the Chinese part of Hong Kong is destroyed by fire. From 470 to 500 houses are destroyed, and many lives are lost. All the printing-offices are destroyed, and the finest edifices and public buildings in Hong Kong.

Dec. 30. — Barnum's Philadelphia Museum is destroyed by fire.

Dec. 31. — By joint resolution of this date, the Governor of Georgia is authorized and requested to withdraw the block of marble contributed to the Washington Monument by the resolution of the General Assembly of February, 1850, with the inscription, "The Constitution as it is, the Union as it was," and to cause another to be prepared of Georgia marble, with the State arms thereon, and be sent to the monument.

## 1852.

Jan. 5. — Kossuth visits the Senate of the United States. 7th, he visits the House of Representatives, and a Congressional banquet is given him. 9th, he waits upon Henry Clay. 12th, he arrives and is formally received at Annapolis, Md. 13th, he is received by the Legislature. 14th, he reaches Harrisburg, Pa., and is presented to a convention of the two Houses of the Legislature, which is disturbed by a riotous crowd. 15th, he visits the Senate and the House. 16th, a banquet is given him by the citizens. 24th, he addresses the citizens of Pittsburg, Pa., and again on the 26th.

Jan. 8. — General Urquiza, commander of the liberating army, completes the passage of the Parana, with 28,000 men, 50,000 horse, and 50 pieces of artillery, and prepares to approach Buenos Ayres.

Jan. 10. — Lord Granville, by his note to the American minister, of this date, in relation to the firing into the American steamer Prometheus, at Georgetown, by the British man-of-war Express, states to Mr. Lawrence, for the information of his government, that Her Majesty's government "entirely disavow the act of violence committed by the commander of the Express, and also the requisition from Her Majesty's consul, under which the commander acted, so far as he acted by any authority derived from the British Crown. Under these circumstances, Her Majesty has no hesitation in offering ample apology for that which they consider to have been an infraction of treaty engagements."

Jan. 15. — President Roberts, of Liberia, with his troops, attacks the native

chief Boyer's principal town, and, after a conflict of two hours, gains possession of it, with a loss of 4 killed and 27 wounded.

Jan. 22. — By decree of this date, Louis Napoleon orders the confiscation of the Orleans property.

Jan. 23. — The deputations from the various States, in behalf of the Irish exiles, wait upon and are received by President Fillmore.

Feb. 1. — The Ohio State-House is entirely consumed by fire. Some of the papers are saved, but a large mass of documents is destroyed. A new State-House had previously been commenced.

Feb. 2. — A priest, aged 63, attacks with a dagger and wounds the queen of Spain on her return from celebrating at the cathedral a *Te Deum* for the birth of her child. He is tried, convicted, degraded from his priestly office, and suffers death from the garrote on the 7th.

Feb. 2. — Kossuth addresses the citizens of Cleveland, Ohio. 4th, leaves Cleveland. 7th, he is received at Columbus, Ohio, and is presented to the Legislature of Ohio at Columbus. 9th, he leaves Columbus and reaches Cincinnati, where he remains, making speeches, receiving deputations, attending banquets, &c. He is presented with money and arms to aid in achieving the independence of Hungary.

Feb. 3. — A battle is fought at Santos Lugares, about ten miles from Buenos Ayres, between the army under General Urquiza, 30,000 strong and 50 cannon, and the troops of Rosas, numbering about 25,000 men, with 90 cannon. It commences at 5 o'clock, A. M., and results in the total defeat of Rosas, who, with his daughter Manuelita, takes refuge on board an English steamer in the harbor, and subsequently is carried to England, *via* Montevideo. There were 800 killed in the battle. During the night the city is saved from pillage by detachments from the various ships of war of all nations in the harbor.

Feb. 9. — Señor Laborde, the Spanish consul at New Orleans at the time of the Cuban riots, and who fled the city from fear of violence, arrives at New Orleans, is saluted, and resumes his duties as consul.

Feb. 10. — A costly and elegant gold medal is presented to Henry Clay at his rooms in Washington, by some of his New York friends.

Feb. 10. — A memorial is presented to the House of Representatives of California, of 1218 citizens of South Carolina and Florida, asking the "privilege of becoming citizens, of emigrating to the rural districts of the State, with a valuable and governable population in the relation of property." They ask permission "to colonize a rural district with a population of not less than 2,000 slaves." After discussion, the memorial is referred to the Committee on Federal Relations.

Feb. 12. — The Provisional Government (of the Argentine Confederation) by a circular announces the defeat and flight of Rosas.

Feb. 14. — Dr. Rae, the celebrated Arctic explorer, arrives at St. Paul, Minnesota, on his way to England. He was sent to the Arctic coast by the Hudson's Bay Company in the spring of 1851, in search of Sir John Franklin. He went down McKenzie's River to its mouth, and threaded the coast eastward therefrom for 500 miles. He saw no trace of Franklin, and heard nothing of him from the Esquimaux.

Feb. 16. — The State Lunatic Asylum at Lexington, Ky., is destroyed by fire; one lunatic perishes.

Feb. 16. — The Homœopathic College at Cleveland, Ohio, is mobbed, and the windows and interior of the building destroyed, in consequence of the discovery of the remains of several subjects near the college, which had been taken from the burial-ground at the place.

Feb. 17. — A letter from Kossuth, dated Cincinnati, Feb. 14th, 1852, and addressed to the President of the Senate by name, is laid before the Senate, and with it his letter to President Fillmore, of Jan. 12th, and both are referred to the Committee on Printing.

Feb. 17. — An eruption of Mauna Loa, a volcanic mount of the Sandwich Islands, takes place, and up to Feb. 26th the action of the volcano is undiminished.

Feb. 18. — The allied army makes its entry into Buenos Ayres.

Feb. 21. — Carvajal, with 522 men and a twelve-pounder, approaches to attack Camargo. General Canales, commanding the town, comes out to meet him, and a contest ensues. Canales retains possession of the field with the loss of 4 killed and 16 wounded. Carvajal is said to have lost 48 killed, and his field-piece and ammunition.



March 2. — The town of St. Bartholomew, one of the Antilles, is nearly destroyed by fire. 120 houses and stores are burned in the space of four hours.

March 5. — The Southern Rights Convention, at Montgomery, Ala., adjourns after a session of two days. Resolutions against making resistance to the Compromise Measures an issue of their party, and against intervention, are passed.

March 7-12. — Sacramento City and Marysville, California, are submerged by a flood, and great damage done.

March 12. — Kossuth makes a speech at St. Louis, on the Jesuits.

March 13. — Ninety-five of the Americans who were engaged in the Lopez expedition against Cuba, and were captured and sent to Spain, arrive at New York in the ship Prentice, Captain Woodbury, having been liberated by the queen of Spain. Four Americans were left behind in the hospital at Cadiz, sick, to await their recovery.

March 26. — While M. Maillefert and his assistants are engaged in their submarine blastings at Hurl Gate, in New York harbor, by accident a charge is exploded, and instantly kills Captain Southard and two assistants. M. Maillefert and his assistants are raised several feet into the air and fall into the water, but are rescued without much injury.

March 31. — The Tremont Temple, formerly the Tremont Theatre, in Boston, is entirely destroyed by fire.

April 1. — Kossuth leaves New Orleans for Mobile.

April 5. — A municipal election takes place in St. Louis, Mo. There is a disgraceful riot in the first ward of the city. The friends of the successful candidates are fired upon from a German coffee-house, and seven are mortally wounded. The house, and a house adjoining, are riddled by the mob and set on fire.

April 18-21. — During these days there are violent rains, and a heavy freshet occurs in the Potomac River, the water rising higher by a foot than it did in 1847, when the water was higher than it had been since 1784.

April 22. — The National Theatre in Boston is entirely destroyed by fire.

April 22. — From long-continued rains, the Merrimac River at Lowell is raised to a height six inches greater than ever before known, and five feet greater than since the establishment of the mills in 1822, being at the guard-gates, at the Pawtucket canal, fourteen feet above the top of the main dam. The water being eleven feet ten and one quarter inches above the main dam, the old guard-gates give way, and the city of Lowell would have been inundated, had it not been for new guard-gates erected by the foresight of the proprietors to guard against this contingency.

April 23. — Governor Bigler, by a special message, calls the attention of the California Legislature to "the present wholesale importation to this country of immigrants from the Asiatic quarter of the globe," referring to the large immigration of "Coolies" into California.

April 23. — Kossuth reaches New Haven, and is publicly received by the citizens, and reaches Springfield, Mass., the same day. 24th, he reaches Northampton. 26th, he returns to Springfield and leaves for Worcester, where he addresses the citizens and stays over night. 27th, he leaves for Boston, and is received there as a guest of the State at 12 o'clock, by a large military escort, and escorted to the State-House, where he is welcomed by Governor Boutwell. He reviews the troops in the afternoon. 28th, he visits the Senate and House of Representatives.

May 8. — The emperor of Russia visits the emperor of Austria at Vienna, and May 10th, reviews the Austrian troops, consisting of 20,000 infantry and rifles, and 10,000 artillery and cavalry.

May 22. — The Selkirk settlement is visited with a destructive flood, and, as is said, nearly ruined. The loss of property is estimated at \$750,000.

May 28. — Thomas Francis Meagher, a political exile from Ireland, and convicted at Van Diemen's Land, arrives at New York.

June 1. — The submarine telegraph wire, coated with gutta-percha, on the Howth and Holyhead line of telegraph, is laid across the channel from Holyhead, a distance of 80 miles, and telegraphic communication is completed from London to Dublin.

June 15. — Queen Victoria issues her proclamation against "Roman Catholic ecclesiastics, wearing the habits of their order, exercising the rites and ceremonies of the Roman Catholic religion in highways and places of public resort."

June 17. — The city of Sonora, California, is nearly destroyed by fire.

June 24. — The first national agricultural convention assembles at Washington, D. C., consisting of 151 members, representing 22 States and the District of Columbia, organizes by the choice of Marshall P. Wilder, of Massachusetts, president, and, after transacting its business, adjourns, June 25th.

June 28. — Hon. William A. Graham, the Whig candidate for the Vice-Presidency, resigns his office as Secretary of the Navy, which, June 30th, is accepted by President Fillmore.

July 5. — Between 2 and 3 o'clock, A. M., the steamer St. James explodes her boilers on Lake Pontchartrain, La., takes fire, and burns to the water's edge. It is estimated that 20 persons are killed; 19 are wounded, some of them severely.

July 6. — The convention for revising the constitution of Louisiana meets at Baton Rouge. Duncan F. Kenner is elected president.

July 5. — By a vote of this date at Washington, Mr. Crampton, the British minister, informs the Secretary of State, that, "to prevent a repetition of the complaints which have so frequently been made of the encroachment of vessels belonging to citizens of the United States and of France upon the fishing-grounds reserved by the convention of 1818, whereby the colonial fisheries are most seriously prejudiced, directions have been given by the Lords of her Majesty's Admiralty for stationing off New Brunswick, Prince Edward's Island, and in the Gulf of St. Lawrence, such a force of small sailing vessels and steamboats as shall be deemed sufficient to prevent the infraction of the treaty."

July 8. — A destructive fire lays waste a considerable part of the city of Montreal.

July 9. — A grand public reception is given to Daniel Webster, by the citizens of Boston.

July 10. — A large fire near and on Fort Hill, Boston, destroys the Mariners' Church, the Sailors' Home, the Boylston School-house, and many dwellings and stores.

July 13. — Senator Bright, of Indiana, presents the credentials of Hon. David Merriwether, appointed by the Governor of Kentucky to fill the vacancy occasioned by the death of Henry Clay.

July 14. — The College of the Holy Cross, in Worcester, Mass., takes fire, and the main building and west wing are entirely consumed, leaving the east wing alone standing. It was erected in 1840-41. The whole of the library is saved, part of it damaged.

July 16. — Louis Kossuth leaves New York in the steamship Africa for Liverpool, under the name of Alexander Smith. He had previously announced his intention of going in the steamer, which was to leave July 19th.

July 20. — The obsequies of Henry Clay are celebrated with the greatest pomp and magnificence in New York city. The city is shrouded in mourning, business is suspended, the shipping wear their colors at half mast.

July 26. — An unsuccessful attempt is made by the Irishmen in New York to rescue Thomas Kaine, in the custody of the United States Marshal, and claimed by the British government, under the treaty, as a fugitive from justice.

July 28. — The steamer Henry Clay, Captain John F. Tallman, on her passage from Albany to New York, is found to be on fire near 3 o'clock, P. M., when near Forrest Point, just below Yonkers. She is run ashore upon the New York side of the river, and burned to the water's edge. She took fire amidships, and when she headed for the New York shore the wind drove the flames and smoke aft where the passengers had collected. She had been racing with the steamer Armenia. 56 persons either perished in the flames, or are drowned in attempting to reach the shore, or die afterwards from their injuries.

July 31. — The war steamer Mississippi, Captain William McCluney, having Commodore Perry on board, sails from New York for the disputed fishing-grounds, and touches at Eastport. She arrives in St. Johns, N. B., August 7th, where the Commodore and his officers were received with the greatest hospitality. She leaves St. Johns August 13th, and arrives in Halifax August 15th, where similar attentions greet her officers. August 19th, she goes to sea. August 21st, she arrives off the Magdalen Islands; August 24th, off the Shippagan Islands; August 25th, off Prince Edward's Island. Stands to sea August 26th, and arrives in New York September 1st, after a cruise of 32 days. About 60 fishing-vessels in all are boarded and furnished with information and advice.

Aug. 2. — A violent earthquake occurs at St. Jago de Cuba, causing a great destruction of property.

Aug. 19. — A destructive tornado, accompanied by hail, passes over an extensive district in Hancock County, Maine. Trees are uprooted, crops destroyed, fences and buildings blown down in its track, which the newspaper account states to be one fourth of a mile wide and about forty miles in length.

Aug. 20. — The steamer Atlantic comes in collision on Lake Erie with the propeller Ogdensburg and sinks in half an hour. Of 500 passengers, 250 are lost.

Aug. 23. — The police of Havana discover and capture the press of the paper called "The Voice of the People," with the materials and form for the fourth number. The proprietors and employees are also arrested.

Aug. 25. — A violent storm and gale at Mobile, Ala. Many of the wharves are overflowed, and the damage by the wind and water is estimated at \$100,000.

Aug. 27. — Robert Armstrong is elected Public Printer of the House of Representatives, receiving 107 votes out of 187.

Aug. 31. — The first session of the Thirty-second Congress closes at 12 o'clock M.

## ADDITIONS AND CORRECTIONS.

Page 101. — FRANKLIN PIERCE, of New Hampshire, is President elect of the United States, and WILLIAM R. KING, of Alabama, is Vice-President elect, for the seventeenth Presidential term of four years, commencing on the 4th of March, 1853.

Page 102. — Edward Everett, of Mass., is Secretary of State, *vice* Daniel Webster, deceased.

Page 103. — Luther Bradish, of New York, is Assistant Treasurer, *vice* John Young; and George F. Comstock is Solicitor of the Treasury, *vice* John C. Clark.

Page 104. — Silas Hodges is Commissioner of Patents, *vice* Thomas Ewbank.

Page 127. The Clerks of the Circuits, where they are not also Clerks of the District Court, are as follows: — Portland, Maine, *George F. Emery*. Boston, Massachusetts, *Isaac O. Barnes*. New York, N. District, *A. K. Boyce*; S. District, *John W. Nelson*. Pennsylvania, E. District, *George Platt*; W. District, *Henry Spurl*. Virginia, W. District, *R. Moore*. North Carolina, *W. H. Haywood*. Louisiana, E. District, *J. W. Genly*. Kentucky, *John A. Moore*. Michigan, *John Winder*. Missouri, *B. F. Hickman*. Florida, S. District, *T. A. Pinkney*. California, *Samuel Flower*.

Page 130. — Thomas M. Foote is Chargé to Austria.

Page 134. — Francisco J. de C. Moreira is Envoy Extraordinary and Minister Plenipotentiary of Brazil, *vice* Pereira de Sodre. Chargé d'Affaires. Joaquin J. de Isma is Minister from Peru. General de Alvear, the Argentine Minister, is dead.

Page 134-139. — *G. P. R. James* is British Consul at Norfolk, Virginia. *Duncan Robertson* is Spanish Vice Consul at the same place.

Page 154. — *Supervising Inspectors of Steamboats and their Districts.* — 1st Dist. From Maine to Connecticut, inclusive: — *Insp.* Samuel Hall, of Boston. 2d Dist. New York to Delaware Bay, and tributaries, and the Hudson River, as far North as Troy: — *Insp.* Charles W. Copeland, of New York. 3d Dist. From Delaware Bay to Cape Sable, Fla.: — *Insp.* James Murray, of Baltimore. 4th Dist. From Cape Sable to the Rio Grande, and the Mississippi River to Baton Rouge, and California and Oregon: — *Insp.* P. H. Skipwith of New Orleans. 5th Dist. The Mississippi and its tributaries, except the Ohio, also the Missouri River: — *Insp.* Davis Embra, of St. Louis. 6th Dist. Waters of the Ohio, to the Kentucky River: — *Insp.* John Shallcross, of Louisville, Ky. 7th Dist. Waters of the Ohio above the Kentucky River: — *Insp.* Benjamin Crawford, of Pittsburg. 8th Dist. Waters north and west of Lake Erie, including Illinois and Mississippi, above the Missouri: — *Insp.* Alfred Guthrie, of Chicago. 9th Dist. Waters of Lakes Erie, Ontario, and St. Lawrence, to Champlain: — *Insp.* Wm. A. Bird, of Buffalo.

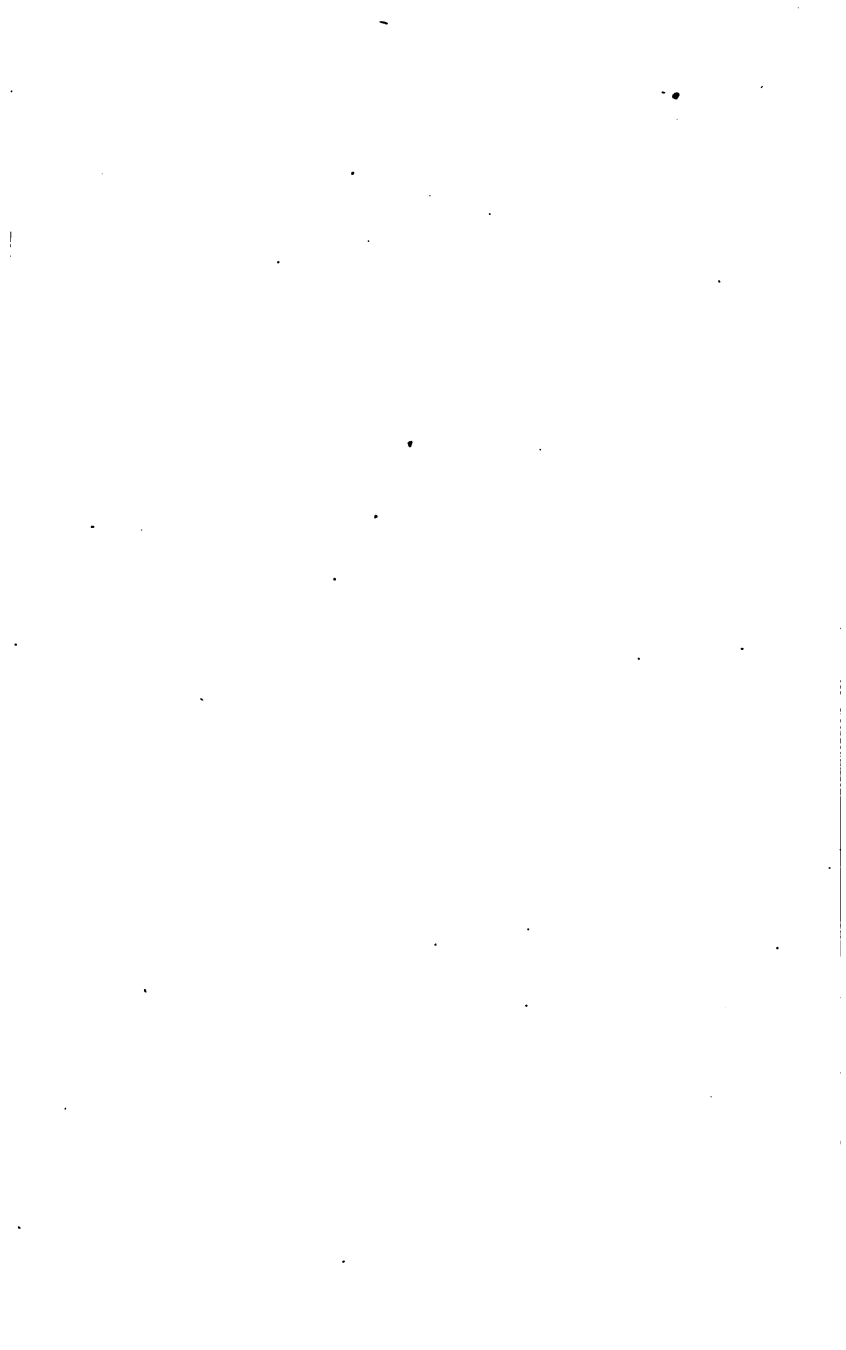
Page 159 — *Light House Board* — President, Secretary of the Treasury, *ex officio*. Members, William B. Shubrick and Samuel F. Dupont, of the Navy; General Totten and Lieut.-Col. Kearney, of the Army; Professors A. D. Bache and Joseph Henry, civilians. Secretaries, Lieut. Thornton A. Jenkins, U. S. N., and Edmund S. F. Hardcastle, Topographical Engineers of the Army.

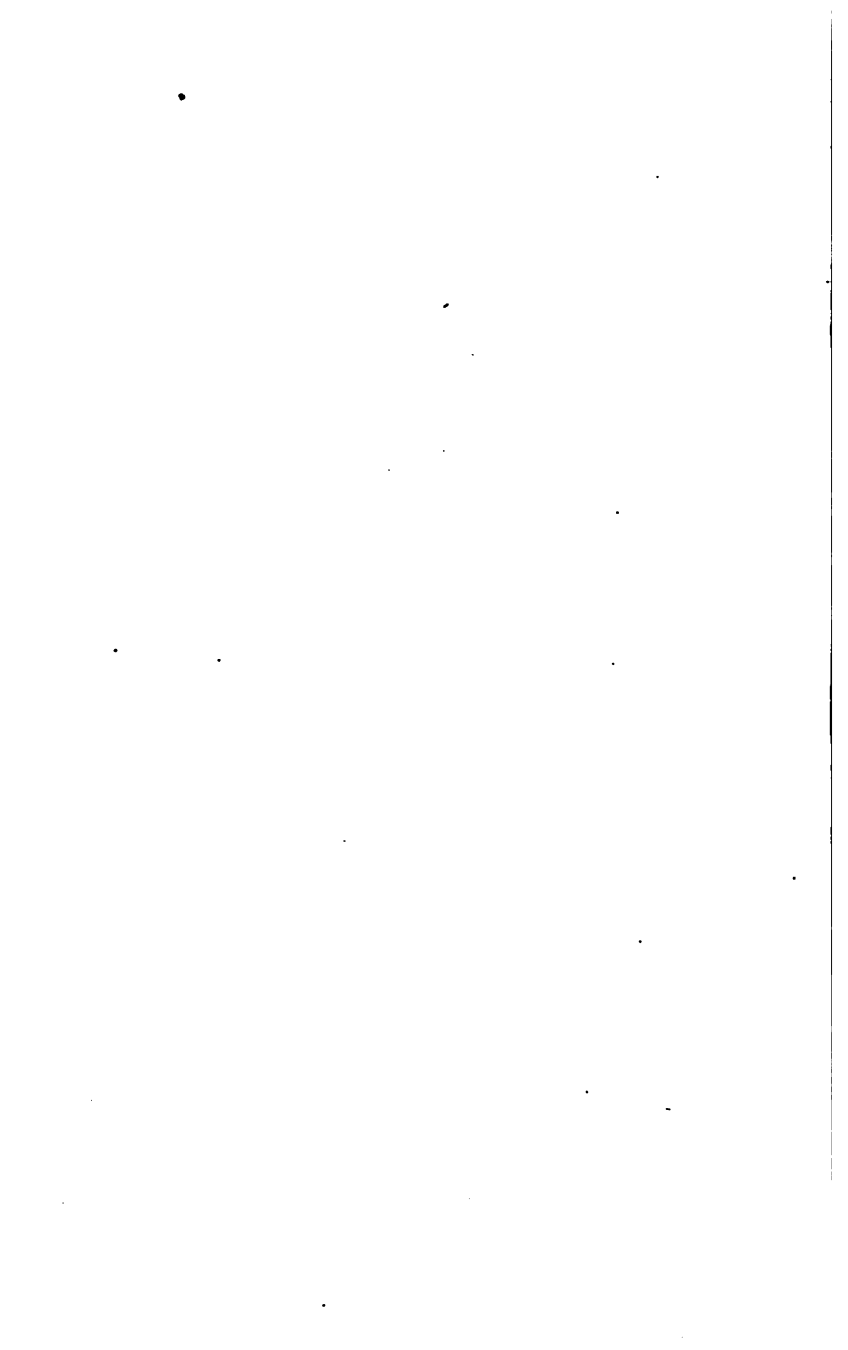
Page 215 — Joel A. Matteson is Governor of Illinois, his term ending in January, 1857. William Carr Lane is Governor of New Mexico.

Page 211. — Charles J. Brenham is Treasurer of the Branch Mint at California.

Page 216. — Sherrard Clemens is Member of Congress from the Wheeling District of Virginia, *vice* G. W. Thompson, resigned; and William Preston, of Kentucky, is elected in place of Humphrey Marshall, resigned.

Page 219. — The officers of the Senate are William R. King of Alabama, President; Asbury Dickens, Secretary; and Robert Beale, Sergeant-at-Arms. Those of the House are Hon. Linn Boyd, of Kentucky, Speaker. John W. Forney, of Pennsylvania, Clerk. A. J. Glossbrenner, Sergeant-at-Arms; John A. Parker, Librarian; John S. Meehan, Librarian to Congress. Robert Armstrong, Printer. John T. Towers, Superintendent of Public Printing.







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